Keshav Prasad Kuruva

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Summary

Experienced Engineering Leader with 15+ years of experience in creating and building high performing engineering teams, creating opportunities and growth for people, and building innovation and value streams for the organization. Experience in managing and driving growth across lean startups and large SaaS based organizations across product, engineering and design. Cultivates Succession planning, Strategic thinking and Building a vision for new products and platforms in organizations.

Experience

Director Of Engineering
Autodesk

Jul 2022 - Present (1 year 10 months)
Responsible for driving vision/strategy/culture/execution and delivery of 2 engineering domains at Autodesk (Digital Experience Platorm and Platorm Engineering). DEP domain contributes to the web experiences for Autodesk.com using AEM as CMS and React Micro frontends as reusable and individually operatable components for use by eCommerce teams. Platorm Engineering domain contributes to CI/CD, Devops, Automaton, inner sourcing systems and Scalability/Reliability functions of the engineering teams.

Senior Engineering Manager - Platform Engineering
Autodesk

Jun 2021 - Jul 2022 (1 year 2 months)
Responsible for building a new org for platform and creating strategic vision to the new platform engineering teams to increase engineering productivity across all application domain teams. Created 5 new functions (Integration & Delivery, Platform Automaton, Scalability & Reliability, Standards and Predictive Analysis for Logging and Tooling, Customer Facing Platform for Inner Source systems using MFEs and Design Systems) under Platform org with a team of Devops and automaton engineers and a senior manager to drive each of these functions.
Working with managers, architects and platform owners in creating and prioritizing Quarterly Roadmap with rest of the platform teams and sharing the roadmap with leadership for stakeholder alignment and engagement.
Fostering Autodesk culture code across the org and creating succession planning to promote career growth for engineers in the team.
Driving monthly reviews and OKR reviews across the org and reflecting the impact and outcomes that are contributing to the engineering productivity with stakeholders(Product, Design and Engineering Teams).

Senior Engineering Manager - eCommerce Transaction Engineering
Autodesk
Oct 2019 - May 2021 (1 year 8 months)

Responsible for building high performing transaction domain full stack engineering teams responsible for checkout experiences on Autodesk eCommerce subscription platforms. Mentoring, Coaching and Creating career prospects within the teams and structuring teams to self-organize and drive innovation from a platform standpoint. Led the Micro Frontends guild across Digital Platform Experience Group in Autodesk. Led the hackathon for FY22 across the group and promoted employee engagement and innovation. Led the Automation initiative for customer journey testing across the entire eCommerce platform. Filed a patent around AR/VR interfacing and operations of remote systems. Filed 2020.

Engineering Manager and Delivery Lead
RPX Corporation
Dec 2017 - Sep 2019 (1 year 10 months)
Starting an exciting opportunity with the patent acquisition leader RPX .
Vast domain and bigger data complexity to deal with but got an opportunity to work with a joyful and strong team who have engineered the system architecture and data flow so well.

Working as a Engineering Manager/Scrum Master for web application team and building new features and stories using Rails,Angular, React, Highcharts, D3 and Postgres with SOLR as the search platform.

Supporting content teams by providing integration and custom development of new content types on CMS like Wordpress. Driving new feature development on Wordpress. Debugging and maintaining cms servers for enhancements and upgrades.

Supporting CI/CD workflow for applications and creating technical debt based on performance and error reports shared by monitoring tools like HoneyBadger, Code Climate and New Relic

Principal Engineer / Engineering Manager
Pramati
Dec 2010 - Sep 2019 (8 years 10 months)
Worked full time for a health care company as a full stack engineer building features and components on Rails front end with java web services using jruby and mysql as the database. Contributed to building cron jobs and command line scripts to trigger batch jobs to process periodic data sets for testing teams. Experienced in building jquery and javascript components.

Engineering Manager
Castlight Health
Mar 2015 - Dec 2017 (2 years 10 months)
Stepped up to be an Engineering manager for exciting product like Action and continuing to deliver new engagements with a wonderful team and individuals at Castlight since 2 years. Been part of agile scrum team as a full stack lead developer contributing to front end ruby and jquery views and at times writing web services in java to support the needs of the team.

Actively mentoring team members and doing benchmarking /profiling of application to optimize and find areas which required refactoring. Integrating brakeman tools as part of CI to streamline quality code reviews and checkin processes.

Weekly 1:1 meetings with the team members and identifying opportunities to help them succeed and providing constructive feedback to better their approaches in implementing new features. Being candor in all the meetings and encouraging the team to listen and help each other to think smarter.

Engineering Manager
Castlight Health

Aug 2012 - Jun 2015 (2 years 11 months)

Lead development of features like User Reviews into the Castlight web application and managed a offshore team of principal and UX engineers to build components to support FTUX and reviews. Actively coding on ruby on rails and in parallel integrated a small scale version of the castlight application in angular 1.x for a customer.

Built a application interface to integrate salesforce live agent into the web application. Actively documenting user guide, tools and bash scripts built for assisting QA teams needs to trigger APIs.

Tech Lead
Honeywell

Sep 2009 - Dec 2010 (1 year 4 months)

Working as Tech Lead in Honeywell Aerospace mainly on mobile web application using php with Code Igniter and mysql. Integrated Google maps API and built a front end layer using php to cater various browser and mobile platforms as hybrid application.

Actively participated in Whiteboarding and designing new features for application development and integration of legacy components. Contributing to upgrade the current application to newer versions of web framework.

Participated and been an inventor to file a patent on point and click messaging for flight waypoints. Patent pending for approval.

Open Source Architect
InnoPark (India) Pvt. Ltd

Mar 2008 - Aug 2009 (1 year 6 months)

Worked on building/architect ing LAMP apps and integration of amazon s3 services using ruby and python for casino web apps.

Development Engineer
Pramati

Aug 2007 - Jan 2008 (6 months)

Worked on building web 2.0 apps using Ruby on Rails, lamp(linux,apache,mysql and php) and jquery. Few months of Adobe Flex with php.

Software Engineer

Oct 2005 - Jul 2007 (1 year 10 months)

Worked as a Software Engineer for 2 years in Open Source Applications and Product development for QA suites using PHP,Mysql, Javascript and Linux for shell scripting or cron jobs.

Education

GW **The George Washington University**

Masters, Masters of Systems Engineering and Engineering Management
Apr 2020 - Jun 2022

Sri Krishnadevaraya University

Bachelor's degree in Computer Science and Engineering, Computer Science
2001 - 2005

Skills

Computer Architecture • Resiliency • Research Skills • Capacity Planning • Business Strategy •
Mobile Applications • Software Development • Web Applications • Agile Methodologies • Web Services

Honors & Awards

Book Author - The AIThentic President - Amazon KDP Publishing
Nov 2023
https://a.co/d/461MN8v

In "The AIthentic President," a gripping tale of power and technology, the President of a country finds himself in a precarious situation when he mistakenly enables his AI avatar. The AI division of the government has built a humanoid version of the President, equipped with all the knowledge generated via AI, using past speeches, data on the President's mental, physical, family, public and private information. As the President trains the humanoid, he realizes that the AI-generated decisions are more promising than his own. One day, motivated to test the humanoid, the President mistakenly enables override and lets the AI take complete command and control of power and authority.

Gold Award Winner - Innovator of the Year - Titan Business Awards
2024
Dear Keshav Prasad Kuruva,
We are elated to inform you that your spectacular business submission has proven itself to be a superlative symbol within the entirety of the business industry.
After conducting a thorough evaluation of your submission, we have determined it to be the cream of the crop across the world, as your impeccable executions and strategies are everlastingly outstanding in every aspect. Therefore, we are pleased to announce, in accordance with our professional evaluations, you have been crowned as a 2024 TITAN Business Awards Gold winner within the Executives & Professionals of the Year - Innovator of the Year category.

Platinum Award Winner - Research and Development Executive of the Year - Titan Business Awards
2024
We are elated to inform you that your spectacular business submission has proven itself to be a superlative symbol within the entirety of the business industry.
After conducting a thorough evaluation of your submission, we have determined it to be the cream of the crop across the world, as your impeccable executions and strategies are everlastingly outstanding in every aspect. Therefore, we are pleased to announce, in

accordance with our professional evaluations, you have been crowned as a 2024 TITAN Business Awards Platinum winner within the Executives & Professionals of the Year - Research & Development Executive of the Year (NEW) category.

On behalf of the TITAN Business Awards committee and organization, please accept our bona fide commendations upon your brilliant achievement, enabling your efforts to be internationally celebrated and recognized. We wish that your creativity continues to flourish within the industry and eventually conquer greater heights in the near future. With that, we would like to thank you for your participation in the TITAN Business Awards and we hope to see more of your exquisite entries amongst the masses, in our next cycle!

Patent Grant for Patent number: 11567571 - USPTO
Jan 2023
https://patents.google.com/patent/US11567571B2/en
Remote control of a device via a virtual interfaceRemote control of a device via a virtual interface
US-11567571-B2 · Issued Jan 31, 2023US-11567571-B2 · Issued Jan 31, 2023
Remote control of a device via a virtual interface

Patent number: 11567571

Abstract: A technique for controlling a target device via a virtual interface, the method including receiving a control input from a virtual interface, determining a control signal based on the control input for an operation to be performed by a first device that is configured to be controlled wirelessly, and transmitting the control signal to the first device to cause the first device to perform the operation.

Type: Grant

Filed: May 5, 2020

Date of Patent: January 31, 2023

Assignee: AUTODESK, INC.

Inventor: Keshav Prasad Kuruva

Best Employee - Applabs
Jul 2006
Awarded as the best employee for contributing to a product as a LAMP engineer that provides step by step integration of the entire QA life cycle for projects.

First in Software Engineering Life Cycle Methods - Honeywell India Pvt.Ltd
Aug 2010
Stood first in suggesting processes for improving software engineering life cycle methods in the field of aerospace to solve specific use cases.

Fellow - theRSA
2024

The RSA has been at the forefront of significant social impact since 1754. Our proven change process, rigorous research, innovative ideas platforms and unique global network of changemakers, work collectively to enable people, places and the planet to flourish in harmony.

Fellow - IAET

2024

International Association for Engineering and Technology (IAET) is a scholarly, non-profit association of likeminded Professionals, Engineers, Academicians, Technologists, Students and Freelancers that promotes research activities in the field of Engineering and Technology worldwide to cater the needs of the society. The main purpose of this organization is to provide a research platform and to promote new research and scientific applications in the field Engineering and Technology.

Platinum Member - AAAS

Jan 2024

The American Association for the Advancement of Science (AAAS) is an American international non-profit organization with the stated goals of promoting cooperation among scientists, defending scientific freedom, encouraging scientific responsibility, and supporting scientific education and science outreach for the betterment of all humanity. AAAS was the first permanent organization to promote science and engineering nationally and to represent the interests of American researchers from across all scientific fields. It is the world's largest general scientific society, with over 120,000 members, and is the publisher of the well-known scientific journal Science.

Member - IEEE

Oct 2021

Member of IEEE Society contributing to Technical discussions and publishing articles, creating workspaces and creating communities of practice.