

RAJESHKANNA

ENTREPRENEUR | TECHNICAL LEADER



ABOUT

4867, ASHFORD DUNWOODY RD, APT 12210 ATLANTA GEORGIA 30338

RAJESH@KANNA.IN

+14047177084

WWW.KANNA.IN

VRAJESHKANNA1

VRAJESHKANNA

RAJESH-KANNA-BB339A23

CORE SKILLS AND EXPERTISE

AGILE/SCRUM
METHODOLOGIES

LEADERSHIP & MENTORING

TECHNICAL ANALYSIS AND
DESIGN

JAVA/J2EE BASED ENTERPRISE
APPLICATIONS

LANGUAGES

JAVASCRIPT

RUBY

PYTHON

SQL

R

WEB DEVELOPMENT

NODE.JS

RUBY ON RAILS

REACT.JS

GATSBY

BUILD & DELIVERY

DOCKER

WEBPACK

JENKINS

GRADLE

DATABASES

POSTGRESQL

MYSQL

ORACLE

CLOUD

AWS

SUMMARY

Rajesh is a technical leader with over 15 years of experience in software engineering and architecture, performance analysis, android app development, microservices, project management, and facilitating process improvement initiatives. He has delivered enterprise-grade solutions for clients like Walmart and McKesson, as well as products for YC-funded startups like Rippling(11.5 Billion Valuation). He has led the operations of India HQ, responsible for sales, marketing, delivery, and hiring. He specializes in architecting and building scalable full-stack applications in React, Rails, and Node.js from scratch.

EXPERIENCE

TASKRABBIT

09/2019 - PRESENT

ENGINEERING

- Performed as an effective leader in driving the development of an invoicing engine during application re-platforming efforts to decompose the monolith application into engines.
- Showed extensive knowledge of pricing A/B tests and their impact on business outcomes.
- Achieved major milestones with a proven track record, including pricing lever features that significantly increased overall revenue.
- TaskRabbit** - Developed and enhanced react native cross-platform application with Rails backend for Taskrabbit. Also worked on the web front end based on React/Redux.

NAVIR LABS

01/2019 - PRESENT

FOUNDER, FULL-STACK DEVELOPER

- TNEA** - Developed a responsive web application with jQuery frontend and Node.js/express backend which helps Indian engineering students choose the right engineering stream based on their cutoff. Site Ranks colleges and majors according to previous year's minimum cutoff for each college and major which is not offered by any other sites.
- School List** - Developing a web application with React/Redux frontend and Rails Backend for Indian parents to pick right schools for their kids based on 10+ factors like proximity, affordability, quality etc...
- Quick Send** - Developed a react native cross-platform application with Node.js/express backend for iPhone and Android to send predefined messages, Good morning, Good night quotes in a flash.
- Tamil Memes** - Developed a react native cross-platform application with Node.js/express backend for iPhone and Android to View and Share Latest Tamil memes.
- Tamil Radio** - Developed a native android application which works seamlessly across Android mobile, tablet, Android TV, Chromecast, Android wearable devices.
- Desi Radios PWA** - Developed a responsive PWA web application with Node.js/express/graphql backend for listening to online radios that works seamlessly across Android, iPhone, desktops, and tablets.
- Paadal** - Developed a responsive web application with jQuery frontend and Node.js/express backend which indexes Tamil songs from YouTube and provides the ability to play songs based on the artist, actor, music director or combination of all.
- Experienced in training LoRA models in Stable Diffusion XL
- Built blockchain networks from the ground up
- Developed decentralized applications on Web3
- Implemented a Tweet reply application using GPT-4
- Deployment** - Most of the projects are deployed on digital ocean instance with nginx and others are deployed on Heroku

DIGITAL OCEAN
HEROKU
NETLIFY

MOBILE

REACT NATIVE
ANDROID

OTHERS

ELASTIC SEARCH
REDIS
GIT
LINUX

LANGUAGES

ENGLISH (NATIVE OR BILINGUAL
PROFICIENCY)
TAMIL (NATIVE OR BILINGUAL
PROFICIENCY)
TELUGU (ELEMENTARY
PROFICIENCY)

INTERESTS

SOFTWARE

Reverse Engineering
Computer Networks

OTHERS

Economics
Photography
Mindfulness
Music

CODEBRAHMA TECHNOLOGIES

VP OF TECH AND DELIVERY

06/2017 - 01/2019

Lead the operations of India HQ, responsible for Sales, Marketing, Delivery, and Hiring.

- **Company Growth** - 58% profit growth YoY during my leadership. Positioned the company as a JS development company with expertise in React and React Native
- **Delivery** - Delivered projects for YC funded startups like Rippling(11.5 Billion valuation), MinoGames, Dose.Dr as well as big MNCs like Chola Finance(Murugappa Groups), Aditya Birla Groups
- **Process** - Standardised the HR process introducing Zoho People. Processes like Onboarding, Offboarding, Leaves, Comp Offs, and 360° Annual Review were Standardised.
- **Documentation and Best Practices** - Documented all the best practices followed across the projects and boilerplates, templates were created. A standard handbook was created.
- **Hiring** - Standardised the hiring process and brought it down to a 10-day cycle also while increasing the efficiency. Created a remote campus hiring model and successfully ran it for 5 campuses.
- **Retaining** - Brought down the attrition to 15% by updating company policies, increasing employee engagement, listening to feedback and improving the culture, proactively upgrading equipment, etc..
- **Project Contribution** - Contributed to the projects of Mentorhq.com as project manager as well as full stack developer working on their FFmpeg based Video merging Node.JS platform and Customer Retention Platform, Judge education platforms with React frontend and Rails backend
- Delivered HIPAA compliant React.js/Redux front-end for a YC funded healthcare startup.

MANHATTAN ASSOCIATES, US

PRINCIPAL SOFTWARE ENGINEER

01/2012 - 06/2017

Developed solutions to solve complex problems considering software capacity and limitations, operating time and desired results. Responsible for preparing design/technical/functional specification documentation. Analyze business needs and creates software solutions. Communicate directions and provide guidance to junior programmer/analysts, as required.

- **McKesson Account coding framework** - Enhanced Transportation 2010 base product for McKesson's needs and improved the account coding performance by 5X by introducing a new account coding framework
- **ROSS Inbound Enhancements** - Designed and implemented a rule-based framework to assign orders' destination on the fly based on defined rules
- **Performance bottlenecks** - Identified all the performance bottlenecks in customer flows by analyzing heap dumps, thread dumps and improved the overall system performance. Analyzed ASH, AWR and ADDM reports and tuned SQL queries
- **Security vulnerabilities** - Addressed security vulnerabilities like Heartbleed, BEAST etc... based on the IBM security scan results.
- **McKesson archive and purge performance** - Enhanced the archive and purge stored procedure and achieved 10X improvement. Performed analysis with AWR reports and other real-time monitoring queries to identify the performance bottlenecks.
- **Continuous Integration environment for SDN automation** - Built a continuous integration environment in Jenkins for my team which can create fix packs with the last commit id/git tag as the input.
- **Git migration & Training** - Migrated all 45 projects of my team from clearcase to git. Trained the team on git and established repository standards.

MANHATTAN ASSOCIATES, INDIA

SOFTWARE ENGINEER, TRANSPORTATION MANAGEMENT

Built Java programs and related web interfaces that are consistent with the objective of stated d
Took on complex software development tasks and worked efficiently in troubleshooting and resc

- **Freight Audit and Pay** - FAP module helps the shippers to audit their transportation costs carrier. Developed, enhanced and refactored the module since 2007.
- **Easy UI for SCOPE Studio** - The development of the user interfaces based on Manhattan's friendly as none of the integrated development environments have a good support for thi plug-ins that improve the user interface development by adding visual editing capabilities drop
- **XSS filtering and SQL Injection attack prevention** - Identified and addressed XSS and SQ
- **Retail Routing (Cross Team Development)** - Implemented Retail Routing functionality for Transportation Execution.
- **SaaS 2010 Upgrade & Enhancement** - TLM SaaS allows the customers to access the Trans cloud for their business computing. Developed plan path, MCW, Invoice short pay enhanc requested enhancements.
- **Transportation Execution** - Established a bridge between Warehouse management system system. Developed TE Planning Engine which plans and routes a given set of orders and ir 6000 orders per minute.
- **Manual Load Planning** - The manual Load planning allows the WM users to plan/re-plan s left out unplanned by Consolidation Engine. Single-handedly designed and developed the
- **AF Logistics enhancement** - Enhanced the existing Purchase Order update functionality, l Transportation Order quantity synchronization, Transportation Order cost recalculations update and Shipment cost adjustments.

VOLUNTEER

JUNIOR ACHIEVEMENT

MENTOR

Junior Achievement's Purpose is to inspire and prepare young people to succeed in a global econ

- Through JA Finance Park® Mentored students to personal financial planning and career c

EDUCATION

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI

MASTER SOFTWARE SYSTEMS

7.79

NATIONAL INSTITUTE OF TECHNOLOGY, TRICHY

BACHELOR CHEMICAL ENGINEERING

7.61

AWARDS

2013 CHOICE AWARD

MANHATTAN ASSOCIATES

For Excellence in Operational Improvement