

Gokul Ramakrishnan

FULL STACK SOFTWARE ENGINEER

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SUMMARY

Innovative Software Engineer with nearly 8 years of experience in Full Stack Development. A seasoned expert with a strong background in the complete software development lifecycle, adept at quickly mastering new technologies and excelling in both team-based and independent work environments.

SKILLS

- Programming Languages / Web Technologies: Java, JavaScript, TypeScript, Node.js, PL/SQL, HTML5, and CSS
- Databases: MySQL, MongoDB, SQLServerExpress
- Frameworks: React, Angular, Vite, React Native, GraphQL, Apache Guacamole, Redux, MobX, JUnit, Mockito
- Technologies and Tools : Git, Google Cloud Platform, Jenkins, Docker, Apollo, Bitbucket, SourceTree, Confluence, JIRA

EXPERIENCE

Senior Staff Software Engineer

Palo Alto Networks *Apr 2024 - Present*

- Led the development of the PRA Portal, the client-facing application for the Privileged Remote Access Solution. This portal enables end users to remotely access server machines using RDP, SSH, or VNC protocols, all through their web browser without requiring any third-party software installation.
- I built this application from the ground up using Apache Guacamole, React, TypeScript, and Vite.
- The Privileged Remote Access solution has attracted significant attention from both top-level management and potential customers, making it a highly visible and impactful project.

Senior Full Stack Software Engineer

BILL *Mar 2022 - Feb 2024*

- Built new features and fixed existing issues on the BILL Neo platform which is a one-stop shop for SMBs to keep track of both their payables (bills) and receivables (invoices).
- Developed a reusable File Upload component using Vue.js as a part of the Trinity reusable component library which is used throughout the organization in all of BILL's software.
- Made significant contributions to the BOSS (Basic One Stop Shop) initiative which brought advanced features of the BILL Neo application to Basic customers without an active subscription.
- Made significant contributions on the server side Java code resolving inconsistencies with respect to payment tracking resulting in an improved user experience.

Software Engineer 2

Intuit Inc *May 2019 - Mar 2022*

- Developed new features and fixed existing bugs on existing Intuit Payroll plugins, which are ReactJS modules catering to QuickBooks Payroll customers.
- Set up an experiment using the IXP (Intuit Experimentation Platform) on the QuickBooks Payroll web application and gathered data on customers' reaction when existing subscription prices were increased, to provide valuable information to the management on the pricing structure.

- Built internal tools and services used by the customer service agents to convert existing customers from one product SKU to another product SKU in the Intuit QuickBooks Payroll application.
- Augmented existing functionalities on the Intuit Online Payroll monolith application by adding new REST Endpoints.
- Fixing bugs and adding features to the QuickBooks Payroll iOS application which is a companion app to the website where customers can quickly manage employee paycheck information, run their payroll and file their taxes.

Senior Software Engineer

Honeywell International Inc *Feb 2017 - May 2019*

- Built both a React and React-Native application for the Connected Freight platform which has received huge accolades from the customers as well as the leadership team at Honeywell.
- Developed the RF-Tag Scanning feature on ASP .NET Core & the associated UI using AngularJS for the Sotera First Responder application, which is a companion application that firemen use when fighting fires.
- Implemented various performance improvements like pagination, caching and pre-aggregation to improve the performance of the AutoCube application and assisted in migrating the application to the SPEC-compliant ASP .NET Core 2.0 platform from the existing ASP .NET Framework.
- Created Microservices and hosted them on the in-house SPEC Cloud Platform which is based on RedHat OpenShift Container Platform using Docker, which was used for sending Email and SMS Notifications to the users of the Safety Suite Application.
- Created a prototype application (as a part of the Honeywell Annual Developer Hackathon) for thermal Image Detection using Apple AR Kit , Intel Locate APIs and the OpenShift Container Platform to automatically detect thermal abnormalities using Drones and send a notification to the user with the location of the abnormality.

Software Engineer Intern

eviCore Healthcare *Jan 2016 - Jun 2016*

- Redesigned and implemented three new UI widgets for the Care Co-ordination System, A widget to display the details of the Provisional Requests associated with the system, a widget to display the details of the referrals under Concurrent Review and a widget to display the eligibility department of how apt the prescribed procedure is, using Google Web Toolkit.
- Fixed a bug in referral copying wherein the changes made in the copy also affected the original referral (Deep copy vs shallow copy)
- Fixed various bugs in the Care Co-ordination System and also assisted the testing team with JUnit tests and adding Debug IDs within the application.

EDUCATION

Master of Science in Information Systems

Northeastern University *Sep 2014 - Dec 2016*

Courses: Application Engineering and Development, Data Management and Database Design, Program Structures and Algorithms, Web Development Tools and Methods, Engineering of Big Data Systems, Software Engineering, Engineering and Data Analysis using Python, Network Structures and Cloud Computing

Bachelor of Engineering in Electrical and Electronics

Anna University *Aug 2008 - May 2012*

Courses : Data Structures, Object-Oriented Programming, Operating Systems, Principles of Management

CERTIFICATIONS

Java 8 New Features

Udemy *2020-03-05*

Modern JavaScript From the Beginning
Udemy *2020-03-04*

React With TypeScript
Develop Intelligence *2020-01-04*

Complete Node.js Developer course
Udemy *2020-12-04*