Vijayasankar N R

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SUMMARY

Software Engineer with 7 years of experience in full-stack web development, skilled in delivering high-impact Java and Angular applications.

SKILLS

- Programming Languages : Java | JavaScript | TypeScript | Python
- Frameworks : Spring | Angular | Cocoa | J2EE
- Databases : PostgreSQL | SQL Server | MariaDB
- Operating Systems : Linux | macOS | Windows
- Others : REST | Scrum | SVN | Git | Tomcat

WORK EXPERIENCE

Senior Software Engineer | July 2017 - Present
Opentext, Bengaluru
- Served as a Product Owner, developing features and backlogs while defining the product roadmap.
- Served as a Technical Lead, responsible for designing and overseeing multiple features.
- Conducted security audits to identify and resolve vulnerabilities across various components, resulting in nearly zero security issues.
- Improved customer satisfaction by collaboratively resolving critical issues and achieving a 100% closure rate on assigned customer incidents.
- Optimized the build process of Filr Web Server, by reducing its build time by 70%.
- Formulated coding best practices for Java, and enforced them into practice, which led to better code quality
- Updated the legacy codebase with new dependencies, leading to a 50% improvement in non-functional performance.
- Led the migration of the legacy codebase to a modular structure, integrating unit tests and adhering to industry best practices.
- Designed a secure multi-factor authentication system with OAuth2, improving the product's performance and security.
- Contributed to the development of a macOS kernel extension for Cloud Integrated Storage, which was instrumental in securing its first customer.

EDUCATION

Bachelor's degree in Engineering, Electronics & Communications, 2017
PSG College of Technology, Coimbatore

PROJECTS

File Versioning
Flat file based versioning system that enables users to store, manage, and access various file versions, with the added capability of removing surplus and expired file versions based on configured policies.
Tech Stack: Java, Spring, Angular, etc..

Thumbnail Previews
Generating and displaying thumbnails for documents, videos and CAD files in Filr
Tech Stack: Java, AWT, FFMPEG, Angular, etc..

Multi Factor Authentication
The implementation of Multi-Factor Authentication is achieved through the Backend for Frontend Proxy pattern, utilizing OAuth2. This approach allows for seamless functionality with both confidential and public clients.
Tech Stack: Java, Spring OAuth2 Client, NetIQ, etc..

AWARDS & ACHIEVEMENTS

- Special Mention | *Micro Focus Hack Week* | 2021
- Most Improved Speaker | *Focus Toastmasters Club* | 2019
- Finalist | *ARM Design Contest* | 2015