KALKIDAN CHERINET

SOFTWARE ENGINEER

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SUMMARY

Motivated Full-Stack developer with more than 5 years of experience developing scalable web applications using MERN, MEAN and Java technologies. Demonstrating an exceptional depth of experience in architecting robust APIs, dynamic UIs (React, Angular), and rigorous testing. Hands-on experience in JavaScript, Java, Spring boot, Node.js, Microservices, SQL, NoSQL, and data interchange (JSON, XML) in an AWS environment.

SKILLS

Languages: Java, C#, Python

Web: HTML5, CSS, Bootstrap, JavaScript ES6, React with React Hooks and Redux, Angular with TypeScript, Vue.js with Vuex, Material UI, WordPress, Next.js, SASS, LESS, AJAX, JQUERY

Web Services: REST, SOAP, JSON, API, GraphQL

Web/App Servers: Apache/Tomcat, Kestrel, IIS

Frameworks: Spring (MVC, Boot, Security, Data, AOP, Dependency Injection, Cloud, Web Flux), Hibernate, Node.js, Express, Electron.js, Hibernate, TypeORM, Nest Js

Security: OAuth 2.0, JWT, OpenID, OIDC

Databases: MS SQL Server, Oracle, MySQL, PostgreSQL, MongoDB, DynamoDB

Testing: Junit, Selenium, Jest, Enzyme, Cypress, Mocha, Jasmine and Karma

SDLC: Agile /Scrum, TDD, BDD, DevOps

Architectures: Event-Driven, Microservices, Serverless

Tools: Git, GitHub, GitHub Actions GitLab, Gradle, Maven, JMS, Kafka, Docker, Kubernetes, JIRA, Figma, Confluence, Ansible, Jenkins, Elasticsearch, AWS

Platforms: Windows, Mac OS, Linux

EXPERIENCE

SOFTWARE ENGINEER   Rocklin, California, US
920Four Agency   Oct 2021- Jan 2023

- Developed engaging landing pages and interactive web content, surpassing client expectations and boosting user engagement by 40% using JavaScript, TypeScript, HTML, CSS, Angular, ReactJS, Redux, and Shopify API.
- Revamped an event management and ticketing mobile app with Angular, REST, and AWS services like Amplify and AppSync, resulting in a remarkable 27% surge in daily active users.
- Demonstrated strong debugging skills, leading to a 50% reduction in application crashes and improved stability. Proficient in JavaScript, TypeScript, and Redux.
- Conducted comprehensive software testing using tools like JUnit and Selenium, ensuring bug-free software and faster performance. Implemented AWS CodePipeline and CodeBuild for automated testing and deployment, enhancing efficiency by 18%.
- Optimized application performance using various techniques, resulting in a 30% decrease in page load time and improved user experience, leading to a 15% increase in user retention.

SOFTWARE ENGINEER   **Addis Ababa, Ethiopia**
Hurricane Support   **June 2019 – SEPT 2021**

- Developed a secure e-commerce platform using Java, Spring Boot, and Spring Security, resulting in a 30% increase in company profits. applied user authentication, authorization, and secure payment processing. Utilized Hibernate and MySQL for data storage.
- Collaborated on a team to build an event management and ticketing website using Java, Spring Boot, and Angular, integrating multiple payment APIs like Stripe and PayPal. Leveraged AWS technologies like EC2, S3, and Lambda, leading to a 32% increase in revenue.
- Created a real-time dashboard using Angular for tracking and visualizing key performance metrics, resulting in a 25% improvement in operational efficiency.
- Implemented Desktop applications using Electron.js and React and documented frontend code via Storybook, reducing documentation time by 30% and enhancing code readability.
- Established a comprehensive CI/CD pipeline with static analysis, including Enzyme for unit and integration testing, Cypress for end-to-end testing, and Mocha for test suite management, achieving 95% test coverage.

FULL-STACK DEVELOPER   **Addis Ababa, Ethiopia**
HahuCloud   **May 2017 – May 2019**

- Developed and delivered applications using Spring, Spring Boot, Node.js, Nest.js, Hibernate, TypeORM, MongoDB, MySQL, and PostgreSQL, exceeding client expectations and meeting project deadlines.
- Implemented a microservices architecture using Java, Spring Cloud, and Apache Kafka for an event-driven system, ensuring scalability and seamless communication between services. Utilized Redis for caching and Apache for advanced search capabilities, resulting in a 50% increase in system capacity.
- Implemented a robust user authentication and authorization system, enhancing security and protecting user data. Utilized OAuth2, JWT, Spring Security, and third-party authentication mechanisms, resulting in a 35% decrease in security vulnerabilities.
- Leveraged Amazon Web Services (AWS) to architect and deploy scalable cloud solutions, enhancing application performance and availability by 40%.
- Optimized application performance, reducing page load times by 30% and increasing user retention by 15%. Employed various techniques and technologies, including Angular and ReactJS.

EDUCATION

Bachelor's degree, Software Engineering | Addis Ababa University

Master's degree, Computer Science | Maharishi International University