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About

Software Engineer and aspiring Software Architect who is passionate about building beautiful products, creating user experiences, and solving real-world problems.

Experience

Full-Stack Software Engineer II • Clairvoyant • September 2019 — Present

- Developed and owned the implementation of several high-level features while working across multiple projects and several development teams, including (but not limited to):
 - An IoT geolocation proximity detection solution for a mobile app using a Reactive Programming-based approach.
 - A server-side rendering prefetch GraphQL query-tree resolution algorithm for handling the pre-loading and caching of specific data using Node.js.
 - A custom Functional-Reactive Programming-based consolidated state management solution to help resolve several development issues that arise when using other state management approaches.
- Designed and developed several performant RESTful-based and GraphQL-based APIs using both service-based and serverless techniques across various projects.
- Mentored and helped onboard junior developers, reviewing their work via Pull Request reviews.
- Promoted a high level of code stability by writing unit and integration tests using Jest and Cypress in JavaScript, and JUnit, Mockito, and Selenium in Java.
- Ensured that developed features were maintainable long-term by creating detailed visual diagrams and writing comprehensive technical documentation.
- Accelerated developer velocity and efficiency by developing continuous integration and continuous delivery (CI/CD) code pipelines.
- Implemented features using the following technologies: JavaScript, TypeScript, React, Angular, React Native, and Redux on the front-end, and Node.js, Java, Spring Framework, GraphQL, MySQL, PostgreSQL, Docker, AWS, and Azure on the back-end.

Coding Bootcamp Teaching Assistant • Trilogy 2U • February 2020 — Present

- Responsible for ensuring student success by helping them gain a solid understanding of various software development concepts and technologies.
- Taught the following technologies to students: HTML, CSS, JavaScript, jQuery, Node.js, MySQL, MongoDB, and React.
- Helped students reach mastery over the following technical concepts: MVC design paradigm, RESTful APIs, database entity relationship design, and Progressive Web Applications (PWAs).

Education

University of Arizona • Full-stack Development Certification • Gilbert, AZ • 2019

References

Available upon request.