ANUSHA VENKATARAGHAVAN

anusha.venkataraghavan@gmail.com | +1-669-264-4114 | Cupertino, CA | in /anusha-venkataraghavan | Github | Portfolio

SUMMARY

Cloud-certified software engineer proficient in conceiving, crafting, and sustaining full-stack web applications using a wide range of technologies, programming languages, and databases.

SKILLS

Cloud Computing, AWS, Azure, CI/CD, HTML5, CSS3, Bootstrap4, Javascript, JQuery, React JS, Redux JS, Node JS, Express JS, Python, PHP, REST API, PostgreSQL, MySQL, AJAX, JSON, API Integration, SQLAlchemy, Jinja, Flask, Material UI, GIT, Jest, Mocha, Chai, Enzyme, Sinon, JWT, MongoDB, Axios, WordPress, Figma, Balsmiq, Lucid Charts, Splunk, JIRA, Agile, Java

EXPERIENCE

The Citizen Project - Cloud Architect and Software Engineer, Remote   **Dec 2023- Present**

- Leading the design and implementation of cloud-based solutions using AWS services.
- Architecting solution for alert email notification systems using Amazon SES, SNS, IAM, S3 DynamoDB, Lambda, CloudWatch, and AppSync.
- Engaged in AWS Amplify prototyping and fostering seamless integration of front-end and back-end environments through collaborative developer engagement.
- Developing a quality-of-life web for a non-profit organization using React micro-frontend.

Liberty Mutual Insurance, Senior Software Engineer, Remote   **July 2021 - Nov 2022**

- Managed over five single-page applications, enabling seamless interaction with multiple APIs and databases within the IT service management team and ensuring smooth operations and efficient data handling.
- Improved service management applications and user experience by executing frontend UI initiatives, implementing new cutting-edge features, and crafting reusable custom components using React libraries and Redux state management.
- Directed successful upgrade of React, Webpack, Babel, Bootstrap, and testing packages for large-scale incident management applications, including 15K lines of code changes, which optimized performance and functionality.
- Boosted application stability and reliability by conducting component testing with Enzyme and automating test cases using Mocha, Chai, Sinon, and Jest.
- Designed and employed comprehensive unit test plans, test cases, and detailed test reports for applications for robust quality assurance.
- Diagnosed and resolved issues in Java applications and Python APIs by leveraging strong problem-solving skills and technical expertise.
- Triaged and resolved on-call production escalations using Splunk logs for debugging and data monitoring.
- Collaborated with customers and cross-functional teams to collate new requirements.
- Contributed to Agile and Scrum methodologies, participating in iteration planning meetings, daily team standups, retrospectives, and backlog refinement sessions to align team efforts with project goals.
- Evaluated and customized PowerBI reports and filters for internal customers, improving data visualization and facilitating informed decision-making.
- On-boarded and guided junior engineers and explained complex code structures/application architectures to foster collaborative and knowledge-sharing environments.

- Prepared internal architecture diagrams for applications using Lucid Charts to visualize data flow between microservices and used Figma and Balsamiq to craft wireframing designs to aid in a comprehensive understanding of design intricacies.

Kurious 365, React Developer, Remote   Feb 2021 - Mar 2021

- Developed and initiated innovative features for web-based solutions tailored for educational institutions and elevated the platform's functionality and user engagement by collaborating with senior management.
- Built independent React standalone & custom reusable components using React JS, Formik, Yup validation with React Components Library, and Material UI.
- Identified and addressed cross-browser compatibility issues in Firefox and IE 8, IE 9, and various bugs for seamless user experience across browsers.
- Leveraged Git version control, and node package manager and applied functional programming principles that increased the efficiency and maintainability of React applications.

Impelect Technologies Private Limited, Software Engineer, India   Jan 2009 - Mar 2016

- Created diverse applications including eCommerce, college application management, and retail marketing sites using HTML, CSS, JavaScript, jQuery, REST API, WordPress, and LAMP stack.
- Established strong communication with clients to understand project requirements and drive accurate translation of business needs into technical solutions.
- Hands-on experience creating responsive customer-facing front-end user interfaces and engaged in all phases of the Software Development Life cycle (SDLC).
- Led successful integration of third-party APIs and payment gateways into web applications.
- Spearheaded end-to-end application testing and documentation efforts while maintaining high coding standards and ensuring optimal code optimization.
- Organized and steered code review meetings to drive code optimization and determine high coding standards.
- Trained and directed a team of six developers, cultivating a collaborative and knowledge-sharing team and enhancing overall team productivity.

Guru.com, Freelance Web Developer, India   June 2008 - Dec 2008

- Corresponded with clients on project requirements, deliverables, time, and cost estimations.
- Developed web applications using HTML, CSS, JQuery, PHP, and MySQL according to the business needs and created Restful web services for implementing business operations.
- Written efficient business logic code and developed MySQL databases.
- Performed end-to-end application testing, documented test results, and supported hosting services.

Ripple Soft Systems, Web Developer, India   Dec 2006 - May 2008

- Built web applications using HTML, CSS, JavaScript, JQuery, PHP, and MySQL.
- Designed and developed a fully functional classifieds event management portal with a backend custom content management system.
- Analyzed existing applications, debugged and fixed the defects.

CERTIFICATIONS

AWS Certified Solutions Architect - Associate   **Sep 2023**

Caltech CTME Cloud Computing   **May 2023 - Oct 2023**

Software Engineering Career Track - Springboard Online   **Apr 2020 - Jan 2021**

AWARDS   **July 2022**

SHINE award - Liberty Mutual Technology - IT Service Management | Recognized with the "SHINE" award for demonstrating high-quality teamwork, and perseverance

EDUCATION   **May 2000**

Bachelor of Engineering in Electronics and Communication | Sri Venkateswara College of Engineering, University of Madras