Akshat Sohal

Full Stack Developer

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SUMMARY

With over 2 years of experience as a full-stack developer, with hands-on experience in creating interactive web applications with React, Angular, JavaScript, and JSON guaranteeing seamless user experiences. My expertise lies in building single-page applications using MVC frameworks like Node.js, ensuring efficient and scalable web solutions. Proficient as a UI/front-end developer, expert in creating applications with HTML, CSS, JavaScript, jQuery, AJAX, and JSON, guaranteeing seamless user experiences. Experience creating Kubernetes Clusters in AWS and deploying Docker Images on top of Kubernetes Clusters for scalable application deployment.

EXPERIENCE

Full Stack Developer, HCA Healthcare, USA   **01/2024 – Present**

- Designed unique cloud solutions for clients based on the specific requirements and needs of the Azure cloud, which led to a 25% improvement in efficiency and a 20% decrease in expenses.
- Developed environments of different applications on AWS by provisioning on EC2 instances using Docker, Bash, and Terraform.
- Build numerous Lambda functions using Python and automate the process using the event created.
- Reduced potential security incidents by 35% by designing and implementing secure, scalable cloud environments in Azure.
- Improved cloud deployments for cost and performance, achieving a 20% cost reduction through resource optimization and security automation.
- Automated the incident notification processes using Python scripts to enhance the response rate by 30% and minimize the manual work by 40%.
- Enhanced client system availability by architecting highly available cloud solutions, achieving 99.95% uptime.
- Documented disaster recovery strategies for Azure platforms to minimize the impact of disasters on business operations and improve system availability by 35% while decreasing possible downtime by 50%.

Full Stack Developer, CitiusTech, CA, USA   **01/2022-11/2023**

- Developed single-page, responsive web applications using HTML5, Bootstrap, CSS3, JavaScript, jQuery, and Node.js, ensuring seamless and engaging user experiences.
- Operated and maintained Kubernetes Clusters in AWS (EKS), deploying Docker images for testing, increasing the speed of deployment by 30% and decreasing the time of downtime by 25%.
- Guided the agile development of a Java ERP system, directly contributing to a 20% increase in project delivery speed.
- Integrated Java applications with social media APIs, enhancing user engagement and enabling social sharing features.
- Developed a Java application feature using machine learning for customer sentiment analysis, enhancing customer service responses by 40%.
- Influenced the development of a Java-based CRM system, improving sales team efficiency and customer relationship management capabilities.
- Facilitated the development of a RESTful API, improving data exchange efficiency by 40% in a financial services application.
- Optimized CI/CD pipelines using Jenkins for build and deployment, reducing deployment failures by 40% and improving the deployment speed by 50%.
- Built reusable and customizable components for the new website using React.JS and React-Routes to create a single-page web application.

SKILLS

Methodology: SDLC, Agile, Waterfall
Languages: C, C++, Java, Python
Frameworks: Spring MVC, Hibernate, Node.js, React.js, Restful API, SOAP, WebSocket, RabbitMQ, SaaS, Tailwind, Next.js, Express.js, Angular.js
IDEs: PyCharm, Jupyter Notebook, Visual Studio Code
Web Technologies: HTML5, CSS3, Bootstrap, XML, YAML, JSON, Ajax, jQuery, DOM Manipulation, Redux, TypeScript, JavaScript

Cloud Technology: Azure, AWS, Docker, Kubernetes
Application Server: Apache Tomcat, WebSphere
Databases: SQL, MySQL, MongoDB, SQL Server, PostgreSQL
Version Control Tools: Git, Postman, CI/CD, Jenkins, Jira, Webpack, Rally, Junit, Atom
Operating Systems: Linux, Ubuntu, Windows, Mac

EDUCATION

San Francisco State University   **San Francisco, CA**
Bachelor of Science in Computer Science with Minor in Biology   **12/2023**