

Yousef Khaleq

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Skills

Languages: Java, PostgreSQL, Python, JavaScript, TypeScript, SQL, PHP

Frameworks and Libraries: Spring Boot, Hibernate, React, Angular, NumPy, React, Node.js, JUnit, Selenium

Technologies: Azure, SendGrid, AWS, EC2, Hydra, S3, Docker, Jenkins, Redis, Git, REST API

Experience

American Express

Remote

Software Engineer III

November 2022 - Present

- Led the development and ongoing maintenance of a React/Java/PostgreSQL-based application, which achieved a significant cost savings of \$100 million annually.
- Employed Spring Boot and JPA to develop and enhance a secure architecture, achieving a 90% code coverage ratio and optimizing API performance to under 150 milliseconds.
- Improved client UI experience using React and JavaScript, resulting in a more aesthetically pleasing application.
- Enhanced system scalability by integrating Redis caching, leading to a 50% decrease in database load and a 70% improvement in response times for critical services.
- Engineered a scalable microservices architecture that improved system efficiency by 30%, utilizing Docker to streamline deployment processes and minimize downtime.

Accenture

Remote

Software Engineer II

August 2021 - November 2022

- Developed a notification system using Java Spring Boot to inform customers of service outages, leading to a 25% reduction in support inquiries.
- Scaled application to handle over 150 million transactions daily, highlighting performance in demanding environments.
- Managed application deployment and hosting on Amazon EC2, ensuring reliable service delivery and maintaining versioning.
- Streamlined CI/CD processes using Jenkins, improving deployment frequency by 30% and reducing rollback rates by 20%.
- Leveraged Internal APIs to handle automated email notifications, enhancing communication efficiency and increasing customer satisfaction through timely updates and alerts.

California Department of General Services

Remote

Software Engineering Intern

May 2020 - July 2021

- Developed and deployed a Time Tracking Website using an Angular/Java/SQL based application, improving departmental productivity by 20%.
- Implemented automated testing procedures using Selenium, reducing bugs by 40% prior to production deployment.
- Optimized the application's performance on Azure, achieving a 30% reduction in load times.
- Integrated SQL for robust data management, leading to a 50% improvement in data retrieval times.

Education

California State University, Sacramento

May 2021

Bachelor of Science, Computer Science

Community Involvement

Society of Hispanic Engineers

Jan 2021 – November 2023

Event Coordinator

- Coordinated and sourced speakers from renowned companies such as HPE and Aruba.
- Planned and marketed networking events that successfully held over 300 participants across two universities in Sacramento.
- Managed all logistical aspects of event planning, including venue selection and technology setup.