

# Yousef Khaleq

📍 Sacramento, CA ✉ yousefkhaleq@gmail.com ☎ (916) 382-2676

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## SUMMARY

Innovative Software Engineer with 4 years of experience in developing and leading high-transaction projects. Proven expertise in Java, Spring Boot, and cloud technologies, with a track record of enhancing operational efficiency and deploying robust applications. Skilled in Agile methodologies, optimizing performance, and driving significant improvements in productivity and user engagement. Demonstrates strong problem-solving abilities and a commitment to delivering high-quality software.

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## EXPERIENCE

### Software Engineer III

#### American Express

November 2022 - Present, Sacramento, CA (Remote)

- Designed and deployed a React/Java/PostgreSQL application for Forex Trading, achieving significant cost savings of \$100 million annually.
- Employed Java libraries such as Spring Boot and Hibernate to develop and enhance a secure micro-services architecture, achieving a 90% code coverage ratio and optimizing API performance to under 10 milliseconds.
- Improved customer experience through the introduction of real-time notifications and user interface enhancements using React and JavaScript, demonstrating a commitment to creating engaging and user-friendly applications.
- 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, significantly boosting system efficiency and user satisfaction.
- Led the initiative to automate deployment processes with Jenkins and Docker, achieving a 40% enhancement in deployment speed and reducing deployment-related errors by 30%, significantly elevating operational reliability and team productivity.

### Software Engineer II

#### Accenture – (Comcast, Meta)

August 2021 - November 2022, Sacramento, CA (Remote)

- Managed the delivery and operational support of a high-transaction micro-services platform at Comcast, facilitating over 150 million transactions daily, highlighting scalability and performance in demanding environments.
- Developed a notification system with Java Spring Boot, informing customers of service outages and leading to a 25% reduction in support inquiries, showcasing effective problem-solving and customer service skills.
- Orchestrated application deployment and hosting on Amazon EC2, ensuring reliable service delivery and maintaining versioning through S3 buckets, reflecting strong capabilities in cloud computing and deployment strategies.
- At Meta, developed and maintained dynamic web applications using Hack/PHP and GraphQL, enhancing API interactions for a series of internal dashboards that streamline front-end communications.
- Built and architected backend systems utilizing Python at Meta, incorporating advanced libraries and frameworks to manage and process large-scale data feeds effectively. Designed and implemented API services interfaced with cloud platforms like AWS and Azure, ensuring efficient data ingestion and system integration.

### Software Engineer

#### California Department of General Services

May 2020 - July 2021, Sacramento, CA (Remote)

- Developed and deployed a Time Tracking Application that improved departmental productivity by 20%, demonstrating initiative and the ability to positively impact operational efficiency.
- Developed and deployed a full-stack web application using Angular, TypeScript, and HTML/CSS on Azure.
- Implemented automated testing procedures using Selenium, enhancing application reliability by reducing bugs by 40% prior to production deployment, thereby streamlining the quality assurance process.
- Optimized the application's performance on Azure, achieving a 30% reduction in load times and a 50% improvement in server response times, resulting in enhanced user satisfaction and engagement.
- Integrated PostgreSQL for robust data management, leading to a 50% improvement in data retrieval times and supporting complex queries without compromising performance, thereby fortifying backend efficiency.

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## EDUCATION

### Bachelor of Science, Computer Science, Honors

California State University, Sacramento • Sacramento, CA • 2021

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## SKILLS

Java, Spring Boot, Hibernate, React, Python, JavaScript, HTML/CSS, Angular, TypeScript, Azure, Selenium, Twilio SendGrid, Amazon Web Services (AWS), EC2, S3, Docker, Jenkins, PostgreSQL, Redis, Agile methodology, Scrum, CI/CD processes, Linux, Git, GitHub, Networking, Operating Systems, Algorithms, Data Structures, GraphQL, GCP, NumPy, Node, SDLC, Change and Release Management, SQL, Dynatrace Monitoring, ServiceNow, ORM, Hack, PHP