

FULL STACK SOFTWARE ENGINEER

Offers expertise in accelerating software development across a microservices platform to transform business processes through automation and optimizing the design of Software as a Service (SaaS) solutions in AWS, Python, and React. Skilled in gaining consensus among cross-functional stakeholders to create and implement value-added solutions. Recognized as a quick-learning and agile professional, with the ability to ensure accountability across critical scope and timeframes. Proficient fluency in Japanese and Korean.

PROFESSIONAL EXPERIENCE

VINDICIA | San Francisco, CA | 3/2022 – 12/2023

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As a full stack developer, developed frontend features leveraging React and backend microservices utilizing Python Flask, DynamoDB, and PostgreSQL to streamline and integrate processes, serving to drive seamless integration and iteration. Maintained and enhanced critical legacy billing system within Perl and PostgreSQL in alignment with modernization initiatives. Oversaw end-to-end projects from requirements gathering through the comprehensive software development life cycle of billing systems and transaction retention.

- Identified feature gap in service and designed new microservice to fit into current system design in Python/Flask to fill consumer needs, boosting user retention by 20%.
- Collaborated with cross-functional teams to create detailed specifications, user stories, and acceptance criteria in line with best practices to accelerate project release time by two release cycles.
- Built and improved Amazon S3 and DynamoDB storage system to store transaction information and batch logs.
- Proactively addressed improperly built API calls forecasted for release by rewriting logic and collaborating with senior engineers prior to code freeze, enabling new features to release on schedule while ensuring quality coding.

UNIVERSITY OF OREGON | Eugene, OR | 8/2019 – 9/2021

TECHNOLOGY SERVICE DESK ANALYST

Partnered with customers to effectively resolve technical and university account-related issues to optimize satisfaction and yield positive feedback. Worked closely with various internal teams using Microsoft Teams to effectively maintain an engaging culture. Performed in the top 5% of team members in customer assistance.

- Utilized Confluence to document internal records and highlight best practices on how to solve IT challenges, enabling active and future employees to accelerate resolutions beyond former capacity.

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE (GPA: 3.6) | University of Oregon – 2021

Focus: AI and Game Programming, Minors: Japanese & Mathematics

Coursework included: Probabilistic AI Methodology, Data Structures & Algorithms, Automata Theory

EXTRACURRICULAR ACTIVITIES

UNIVERSITY OF OREGON ESPORTS | Overwatch Team Member & Player

Collaborated with up to 10 team members to schedule weekly practices and matches. Organized video reviews of practices and matches to improve communication, coordination, and cohesion between members.

AREAS OF EXPERTISE

Software Development Lifecycle | Conducting Code Reviews | Full Stack Engineering | Microservice Architecture
Data Analytics | Shell Scripting | Rest APIs | Front End & Back End Development | Cross-Functional Collaboration
Cloud Computing | Software as a Service (SaaS) | Agile Methodologies | Scrum | Exceeding Established Metrics

TECHNICAL SKILLS

PROGRAMMING LANGUAGES: Python, C, C++, C#, Java, Perl, JavaScript

ARCHITECTURE & CLOUD: Amazon Web Services (AWS), EC2, React, GitHub, Bitbucket, Docker, Flask, PostgreSQL, MySQL, MongoDB, Microservices, Kafka, Kubernetes, CI/CD (Jenkins, Gitlab), JIRA