

ALAN MARSHALL



SENIOR SOFTWARE ENGINEER

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Address: Portland, OR

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Innovative and result-driven software developer with over 10 years of experience in designing and implementing software solutions. Proficient in full-stack development, specializing in JavaScript, Python, and cloud technologies. Adept at problem-solving and collaborating in team environments to deliver high-quality software products.

SKILLS

Programming Languages:
JavaScript, Python, Java, C++

Expert

Web Technologies: HTML, CSS,
React, Angular, Node.js

Expert

Databases: MySQL, MongoDB,
PostgreSQL

Expert

Tools & Platforms: Git, Docker,
Kubernetes, AWS, Jenkins

Expert

EXPERIENCE

2021 - Now

Tech Solutions Inc. / Portland, OR

Senior Software
Developer

- Lead a team of 5 developers in the creation of a scalable web application that increased user engagement by 30%.
- Implement microservices architecture, improving application maintainability and deployment speed.
- Develop RESTful APIs using Node.js and Express, ensuring seamless integration with front-end components.
- Optimize database queries, reducing load times by 40%.

2017 - 2021

Innovatech Labs / Austin, TX

Software Developer

- Designed and developed front-end components using React and Redux, enhancing user interface responsiveness.
- Collaborated with UX/UI designers to implement user-friendly and accessible web pages.
- Utilized Docker for containerization, streamlining the development and deployment processes.
- Participated in code reviews and mentored junior developers, fostering a culture of continuous improvement.

2015 - 2017

Creative Apps Co. / Seattle, WA

Junior Software
Developer

- Assisted in the development of mobile applications using Java and Android SDK.
- Conducted unit and integration testing to ensure software quality and reliability.
- Maintained and updated existing codebases, implementing bug fixes and feature enhancements.

2014 - 2015

Tech Aid Services / Portland, OR

IT Support Specialist

- Provided technical support for software and hardware issues to over 100 clients.
- Configured and maintained computer systems and networks, ensuring minimal downtime.
- Trained clients on new software applications, improving their productivity and efficiency.

EDUCATION

2011 - 2015

University of California, Berkeley

Bachelor of Science in Computer Science

PROJECTS

2023 - 2024

E-Commerce Web Application

- Developed a full-stack e-commerce web application using React, Node.js, and MongoDB.
- Implemented payment processing using Stripe API, enhancing user experience with secure transactions.
- Deployed the application on AWS, ensuring high availability and scalability.

2022 - 2023

Real-Time Chat Application

- Created a real-time chat application with WebSocket protocol for instant messaging.
- Built the front-end with Angular and integrated the back-end using Python and Flask.
- Utilized Redis for message queueing, providing efficient and reliable communication.

COURSES

2023

AWS

Certified Solutions Architect - Associate

2022

CSM

Certified ScrumMaster

2020

Microsoft

Azure Developer Associate

2020

Google

Professional Cloud Developer

2019

Oracle

Java SE 11 Developer