

ALAN MARSHALL



SENIOR SOFTWARE ENGINEER

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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	<ul style="list-style-type: none">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	<ul style="list-style-type: none">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	<ul style="list-style-type: none">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	<ul style="list-style-type: none">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 • Developed a full-stack e-commerce web application using React, Node.js, and MongoDB.
E-Commerce Web • Implemented payment processing using Stripe API, enhancing user experience with secure transactions.
Application • Deployed the application on AWS, ensuring high availability and scalability.

2022 - 2023 • Created a real-time chat application with WebSocket protocol for instant messaging.
Real-Time Chat • Built the front-end with Angular and integrated the back-end using Python and Flask.
Application • 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