Ashvini Jangid

Senior Software Developer | Full-Stack Architect
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Summary

Senior software developer with 6+ years of experience delivering scalable SPAs, microservices, IoT integrations, and reliable production releases.

Core Skills

Languages: Go, JavaScript (ES6+), Python, SQL, MySQL
Frameworks: Vue.js, React.js, Node.js, Django, Django REST Framework
Backend & DevOps: REST APIs, microservices, Docker, CI/CD, Git/GitHub, Jira, Redis, Celery, Linux
Domain Strengths: SPA architecture, IoT (Modbus TCP/IP), VPN tunneling, release management, unit/integration testing

Experience

Software Developer Jan 2024 – Present
Functionize, Inc.

- Led UI platform evolution from **Vue.js** (v1) to **React.js** (v2) for a scalable SPA roadmap.
- Built event-driven services in **Go** and **Node.js**, improving throughput and backend reliability.
- Owned releases, hotfixes, and high-priority escalations; strengthened delivery via **Jira** and Git standards.

Full Stack Developer Nov 2021 – Dec 2023
Vausm Technologies (Project: Functionize)

- Architected enterprise UI/UX for an AI-testing platform using **React.js** and **Vue.js**, with emphasis on performance and maintainability.
- Owned end-to-end feature lifecycle, including backend implementation with **Node.js** and **Python** microservices.
- Resolved frontend bottlenecks to improve responsiveness and reduce user-flow friction.

Software Developer May 2020 – Oct 2021
NEOFOX, Jaipur

- Built end-to-end **IoT** pipelines ingesting Siemens PLC telemetry over **Modbus TCP/IP**.
- Delivered real-time monitoring dashboards using **Vue.js** and automated reporting for industrial operations.
- Engineered secure Layer-2 VPN tunneling and custom **OpenWrt** configurations, reducing remote troubleshooting time.

Data Engineer May 2019 – Dec 2020
CDAC-ATC, Jaipur

- Built a sports booking platform with **Django REST Framework** and **Vue.js**, streamlining reservation flows.
- Worked on demand-forecasting integrations and 3G/4G outage analysis to improve planning and service continuity.
- Rebuilt corporate web systems in **Django**, improving performance and organic search visibility.

Django Developer Feb 2018 – May 2019
Teknuance Info Solutions, Chennai

- Engineered IMAP/SMTP mail-sync services with multi-provider authentication for Gmail, Outlook, and Yahoo.
- Implemented asynchronous workers with **Celery** and **Redis** to improve real-time sync responsiveness.

Python Developer Nov 2017 – Feb 2018
Exol Corporation, Jaipur

- Built Django-based ERP and invoicing modules to centralize inventory, sales, and audit-trail workflows.
- Improved backend stability for high-concurrency operations across warehouse and storefront systems.

Education & Credentials

M.Sc. in Computer Science, Jaipur National University, Jaipur (2017 – Jul 2019)
Selected Certifications: Go Programming (UC Irvine), Docker Essentials (IBM), SQL & Relational Databases (IBM), Advanced JavaScript (Meta), Modern HTML & CSS (GUVI), MySQL (GUVI), Redis with Python RESTful API (GUVI)
Publication: Prediction of antenna parameters using machine learning (Scopus)