

AKHILESH YADAV

Fullstack Software Engineer

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Summary

With **8+ years of experience in building Fullstack Web-Apps**, I have successfully managed **complex enterprise products** and delivered most useful integrations/features for major clients. My expertise includes web development using **modern tech, system design, cloud architecture and security assessments**. As a Tech Blogger and AWS Community Builder, I am also passionate about sharing knowledge and continuously advancing my skills. Additionally, I hold certifications as an **AWS Solutions Architect** and in HashiCorp Terraform.

Experience

Palo Alto Networks

Sr. Staff Software Engineer

Bengaluru, INDIA

05/2022 - Present

A leading global cyber-security company.

- Integrated **Observability and log-tracing IDs** for Frontend and Backend APIs, improving error tracking efficiency by 40%.
- Optimized **Web UI rendering performance** through developer tools and performance analysis, achieving a 25% faster load time.
- Worked at a leading global security company, contributing to **solutions for high-priority business-critical customer issues** related to PAN-OS Firewalls and Panorama Management Plane.
- Conducted **security assessments for over 20 web applications**, identifying and remediating critical vulnerabilities.
- Developed backend modules using **Python, PHP, Nginx, and Apache-C**, enhancing the performance of key systems.
- Delivered a **POC for implementing gRPC protocol, TLS 1.3, and HTTP/2 features**, leading to a 30% improvement in web application performance.
- Diagnosed and resolved **complex TCP issues using tcpdump, Wireshark, and OS tools**, reducing downtime by 15%.
- **Technology:** React, Redux, Vue, ExtJs, Javascript (ES6+), HTML, CSS, styled-components, TailwindCSS, Design System, Micro-frontends, Webpack, Rollup, Babel, Prettier, ESLint, Jest, react-testing-library and Backend: Node, Python, C, AWS, GCP

Blazeclan Technologies

Pune, INDIA

Sr. Cloud Application Developer

08/2021 - 05/2022

A cloud computing services provider.

- Built **reusable UI modules and service-oriented APIs** that were modular, granular, observable, configurable, and used across teams.
- Served as **AWS Solution Architect & DevOps** to set up product architecture, CI/CD Pipeline, ELK stack and Auth Layer with JWT/SAML
- Wrote and executed 100+ **unit tests using Mocha, Chai, and Jest, Puppeteer, Selenium automation**.

Morningstar, Inc.

Navi Mumbai, INDIA

Software Engineer

08/2019 - 07/2021

A global investment-research company.

- Built accessible websites adhering to **Web Content Accessibility Guidelines (WCAG)**, ensuring inclusivity for all users.
- Built **Micro-frontend UI** with Morningstar **Web Component, Lerna MonoRepo** practices, **Storybook** Web component & Design System.
- Proficient in JavaScript, **React.js, Vue.js** including modern tooling such as Webpack and ES5/ES6 syntax.
- Implemented AWS Kinesis and Kafka for seamless integration with Splunk, optimizing data flow and analytics.

DQUIP CRM

Mumbai, INDIA

Software Engineer

09/2017 - 11/2018

A CRM software product firm.

- Developed CRM software tailored to various industries, contributing to client acquisition and retention.
- Designed and optimized MySQL databases to support CRM web applications, ensuring high performance and scalability.
- Implemented REST API integrations within the CRM app, enabling seamless communication with third-party systems.

Vista Sofft E Designs Pvt Ltd

Mumbai, INDIA

Junior Web Developer

04/2017 - 08/2017

A web design and development company.

- Utilized Vanilla JavaScript, PHP (Object-Oriented), SQL, HTML, CSS, WordPress, and phpMyAdmin for web development.
- Built backend API for webapp using Core Java, Springboot, Python

Education

Gujarat Technological University

India

Bachelor of Engineering in Information Technology

03/2013 - 02/2017