

AKHILESH YADAV

Fullstack Software Engineer

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Summary

With 8+ years of experience in full-stack web development, I have successfully managed complex enterprise products and delivered critical integrations for major clients. My expertise includes system design, cloud architecture, security assessments, and development using modern technologies. As a tech blogger and AWS Community Builder, I am 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](#)

Bengaluru, INDIA

Sr. Staff Software Engineer (Product Security)

05/2022 - 01/1970

A leading global security company.

- 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, Golang, 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%.
- Integrated observability and 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.

[Blazeclan Technologies](#)

Pune, INDIA

Sr. Cloud Application Developer

08/2021 - 05/2022

A cloud computing services provider.

- Delivered cloud API backend feature for ASTRO MEASAT Broadcast Network Systems.
- Served as AWS Solution Architect & DevOps to set up Web Architecture and Bitbucket CICD Pipeline. As well as setting up ELK Stack for observability.
- Wrote and executed 100+ unit tests using Mocha, Chai, and Jest, ensuring robust code quality and minimal defects.

[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.
- Refactored codebases, conducted thorough pull request reviews, and ensured code quality compliance with SonarQube standards.
- Proficient in JavaScript, 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 customer relationship management software provider.

- 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.
- Maintained and enhanced site features while managing servers and deployments using Linux tools.

Education

Gujarat Technological University

India

Bachelor of Engineering in Information Technology

03/2013 - 02/2017