

Rohit Shrivastva

Senior Software Development Engineer

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Summary

Senior Software Development Engineer with 10+ years of experience in backend development, cloud technologies, and scalable software solutions. Skilled in Golang, Python, Java, SQL, AWS, and Azure, with expertise in distributed systems, microservices, REST APIs, CI/CD pipelines, system designs. Experienced in AI-assisted development using Cursor AI, RAG workflows, and agentic AI tooling to improve engineering productivity. Strong background in code reviews, system debugging, automation, and cross-functional collaboration in Agile environments.

Skills

Golang, Python, Java, React, AWS, Azure, microservices, Rest APIs, CI/CD pipelines, system designs, HTML, CSS, Jenkins, GitLab, Docker, Kubernetes, Data Structures & Algorithms, JIRA, Confluence

Work Experience

Senior Software Development Engineer

Druva Data Solutions Pvt. Ltd. | Letterkenny, Ireland (*Oct 2019 - Present*)

- Designed and developed scalable cloud-based software solutions for enterprise storage products, contributing to architecture discussions, low-level design (LLD), feature development, and system reliability improvements.
- Developed internal backend tools, automation frameworks, and APIs using Python and cloud SDKs to streamline operational workflows and improve engineering productivity.
- Contributed to frontend development using React for internal engineering dashboards, workflow automation portals, and cloud management interfaces.
- Participated in code reviews, design discussions, and technical planning sessions to improve code quality, maintainability, and engineering standards.
- Leveraged AI-assisted development tools such as Cursor AI and agentic workflows to accelerate development, debugging, code generation, and engineering productivity.
- Built cloud-native solutions leveraging AWS and Azure services including EC2, S3, RDS, Blob Storage, and Azure VM using boto3 and Azure SDKs.
- Contributed to software design decisions, reusable component development, and engineering best practices across multiple projects.
- Explored Retrieval-Augmented Generation (RAG) concepts and AI-assisted engineering approaches for improving internal tooling and developer workflows.
- Debugged and resolved production issues in distributed systems using CloudWatch, Azure Activity Logs, and centralized logging frameworks.
- Collaborated with engineering teams, architects, and stakeholders to design scalable solutions, perform root cause analysis, and improve software delivery processes.
- Mentored engineers on cloud technologies, CI/CD practices, coding standards, code review processes, and software development best practices.

Software Development Engineer

Tieto India Pvt. Ltd. | Pune, India (*Mar 2019 - Sept 2019*)

- Developed and optimized enterprise-grade software utilities and performance engineering solutions for financial applications.
- Contributed to frontend feature development and UI enhancements using React for internal enterprise applications.
- Built reusable Java-based frameworks and scripts for system performance analysis and workload simulation
- Contributed to application reliability and security improvements through debugging and system analysis.
- Developed an automated Java Swing-based execution framework that reduced manual operational effort and improved engineering efficiency

Software Engineer

Cybage Software Pvt. Ltd. | Pune, India (*Jul 2016 - Mar 2019*)

- Worked on frontend development using Angular to build and enhance internal dashboards and monitoring interfaces.
- Developed and maintained Java-based backend utilities, reusable components, and automation solutions supporting enterprise-scale applications.
- Contributed to Angular-based UI modules, dashboard enhancements, and frontend feature implementations for internal engineering applications.
- Worked on system scalability analysis and workload optimization for enterprise software systems.
- Investigated system bottlenecks and collaborated with engineering teams to improve application scalability and reliability.

Education

Bachelor of Technology Computer Science & Engineering

Rajasthan Technical University, Kota
(2012-2014)

Certifications

AWS Certified Solutions Architect – Associate