Snehil Vishwakarma

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With 7+ years of experience in building SaaS features on distributed systems, I specialize in developing and scaling enterprise adoption and customer-led development. I have spearheaded the delivery of core capabilities, mentored engineers, and operated as a full-cycle owner across development, deployment, and production reliability. My expertise includes product-led software engineering for cloud-based systems, driving security & compliance for distributed platforms, and mentoring.

WORK EXPERIENCE

Atlassian 05/2019 - 03/2026
Senior Software Engineer - Atlassian (Admin Experience) Mountain View, CA

- Develop and scale distributed microservices powering Atlassian Guard, the enterprise security and identity platform within Adminhub, serving hundreds of thousands of global customers.
- Built and maintained an internal integration automation framework that standardized new Atlassian product onboarding to the cloud platform, cutting integration time from ~15 months to just 2 weeks—a ~96.5% reduction and a major enabler of company-wide scalability.
- Feature lead to Adminhub Search serving ~1.1M customer organizations; drove major improvements in search quality, boosting search conversion from ~15% to 35% and reducing no-results rate from 52% to 28% between beta launch to going GA.
- Spearheaded the Org Delete capability, a high-impact enterprise feature eliminating ~1K manual support tickets annually (≈5% of total) and saving >500 hours of IT effort. Transformed a fragile, cross-team workaround into a scalable, self-service, multi-service workflow aligned with customer data-deletion standards.
- Mentored 5+ engineers, guiding design reviews, architecture planning, and engineering best practices.
- Operate as full-cycle owner and SRE, managing uptime, reliability, and scaling of AWS-based services (EC2, S3, Lambda, DynamoDB, PostgreSQL), with containerization (Docker) and API testing (Postman).
- Drive secure, maintainable development using Java, Node.js, Spring, Maven, npm, and modern AWS CI/CD pipelines.
- Act as department's security champion, automating compliance reporting, enforcing security best practices, and leading biannual access and vulnerability audits.

General Motors 07/2017 - 04/2019
Software Engineer Troy, MI

- Built embedded OTA software and test infrastructure using C, C++ on QNX/Linux for GM's Infotainment systems. Automated testing and regression workflows in Bash, Perl, and Python.
- Led development of a C# integration test framework simulating OTA hardware, cutting 80% validation time and human hours.
- Partnered with business and engineering teams to refine system requirements for large-scale OTA deployment.

Indiana University Bloomington 01/2017 - 06/2017
Research Assistant • Part-time Bloomington, IN

- Implemented secure multi-party computation using Intel SGX, C, and Obliv-C with protection against side-channel attacks.
- Engineered fully oblivious, constant-time functions optimized down to CPU clock precision.

EDUCATION

Master's Degree in Computer Sciences
Indiana University Bloomington 08/2015 - 05/2017

Bachelor's Degree in Computer Sciences
Rajiv Gandhi Prodyogiki Vishwavidyalaya 08/2011 - 06/2015