

# Sumeet Vernekar

Pune, India

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## SUMMARY

Software engineering professional with 12 years of experience in designing and developing robust, scalable applications. Skilled in collaborating across teams to drive projects from concept to completion while adapting to evolving business needs. Proficient in multiple programming languages, frameworks, and tools, with a consistent focus on delivering high-quality, maintainable solutions. Committed to fostering a productive, growth-oriented work environment and achieving measurable results.

## EXPERIENCE

### Senior Software Engineer

*Addverb (acquirehire)* Jul 2024 - Present, Pune, India

- **Led the development of scalable software solutions** to optimize supply chain operations.
- **Mentored junior engineers**, fostering skills in coding standards and best practices.
- **Designed and implemented microservices architecture** to improve the system performance.
- **Collaborated with cross-functional teams** to refine product requirements and specifications.
- **Redesigned order wave allocation system**, achieving a **performance improvement of 5x**, which reduced the **order processing time from hours to minutes** without increasing memory usage.
- **Resolved critical memory leaks** using YourKit profiling, reducing **memory footprint by 30%** and improving system uptime and stability.
- **Analyzed performance and reliability metrics** to identify and eliminate bottlenecks, resulting in a **25% improvement in overall system performance**.
- **Enhanced RabbitMQ message consumption** by implementing bulk processing and prefetch tuning, delivering a **20x boost in throughput** and reducing **message latency by 90%**.
- **Established metrics-driven engineering practices** (instrumentation, logging, monitoring, alerting, incident response), improving system observability, and reducing **mean time to recovery (MTTR) by 40%**.

### Senior Software Engineer

*Takeoff Technologies* Aug 2022 - June 2024, Pune, India

- **Spearheaded the transformation from monolithic to multi-tenant microservices architecture**, delivering **stateless, horizontally scalable services** and achieving a **30% latency reduction, 50% throughput improvement, 40% infrastructure cost savings**, and a **25% increase in customer satisfaction**.
- **Designed and implemented serverless microservices and data pipelines**, accelerating the delivery of new features and enabling advanced business analytics.
- **Designed scalable, event-driven architectures** with Google Cloud Functions, ensuring **high availability, resilience, and real-time responsiveness**.

## SKILLS

<b>Programming</b>	Java, GoLang, Python
<b>Frameworks</b>	Spring Boot, Spring Security, OAuth, GORM, Hibernate
<b>Cloud &amp; DevOps</b>	AWS, GCP, Docker, Kubernetes, Terraform, CI/CD, Maven, Gradle, Git, Linux
<b>Databases</b>	MySQL, Spanner, DynamoDB, MongoDB
<b>Messaging</b>	RabbitMQ, Kafka
<b>Monitoring</b>	Grafana, Kibana
<b>Misc.</b>	REST API, Microservices, Serverless, Swagger
<b>Testing</b>	JUnit, Mockito
<b>Core Competencies</b>	Data Structures & Algorithms, Strong Problem-Solving, Agile & SCRUM

## CERTIFICATIONS

- Certified AWS developer
- ICAgile Certified Professional (ICP)

## EDUCATION

**Pune Institute of Computer Technology** Pune, India

*Master of Engineering - Computer Engineering*

CGPA: 7.03/10.00

**Bharat Ratna** Solapur, India

**Indira Gandhi College of Engineering**

*Bachelor of Engineering - Information Technology*

Score: 73%

- **Developed real-time dashboards and reports** using data visualization tools, providing stakeholders with **actionable insights into system health and performance**.

## Senior Software Engineer

Accenture

May 2020 - July 2022, Pune, India

- **Reconstructed and enhanced the user onboarding platform**, integrating new security devices into the MSS LCP platform, overhauling the existing stack, and **reducing customer onboarding time by 90%**.
- **Spearheaded the migration of the legacy product stack to AWS**, ensuring a seamless transition, improved scalability, and adherence to **security, compliance, and business continuity requirements**.
- **Implemented a blue-green deployment model** for the log ingestion pipeline, achieving **zero downtime during releases** and improving system reliability.
- **Developed an automated cloud infrastructure platform** for deploying MSS LCP components in the AWS cloud, streamlining the deployment process and enhancing scalability.

## Software Engineer

Symantec

Sept 2013 - April 2020, Pune, India

- **Designed and built a log reporting platform**, generating periodic and on-demand reports from security device logs via LCP, **reducing report generation time by 90%** and enhancing operational visibility for security teams.
- **Developed and deployed a proprietary SOS alerting and monitoring framework**, enabling **early detection of 95% of system issues** before customer impact, improving system reliability.
- **Optimized complex SQL procedures** on legacy databases for static data loading into Redis, **improving data retrieval speeds by 70%** and reducing application response times.
- **Engineered a one-click CI/CD pipeline** for development and production using Terraform and Jenkins, **cutting deployment time by 80%** and minimizing release errors.
- **Architected scalable, resilient, and cost-effective AWS solutions** (EC2, S3, RDS, Lambda, VPC, CloudFormation), achieving **30% infrastructure cost savings** while meeting performance and high-availability goals.
- **Implemented migration tools and automation frameworks**, reducing **downtime during critical migrations by 60%** while ensuring data integrity and seamless cutover.
- **Collaborated with cross-functional teams** (engineering, operations, security, compliance) to **mitigate risks, resolve technical challenges, and accelerate delivery timelines by 20%**.
- **Conducted code reviews, offered guidelines, and mentored team members**, fostering culture of excellence and continuous improvement.
- **Facilitated cross-team communication and coordination**, ensuring cohesive platform management across all teams.
- **Worked with software development and testing team members to design and develop robust solutions** to meet client requirements for functionality, scalability, and performance.