

# SHUBHAM YADAV

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## OBJECTIVE

Software Engineer with a strong foundation in backend development, problem-solving, and writing clean, maintainable code. Experienced in building reliable applications, working with databases, and understanding core software engineering principles. Quick learner who adapts easily to new technologies and enjoys contributing to meaningful, real-world projects. Highly motivated to grow, take on challenging responsibilities, and deliver high-quality software solutions.

## SKILLS

- **Languages:** Java, Go, Python (Beginner)
- **Frameworks:** Spring Boot
- **Messaging:** RabbitMQ, GCP Pub/Sub
- **Databases:** MySQL, MS SQL, MongoDB, Firestore
- **Cloud/DevOps:** GCP, Kubernetes, Docker
- **Monitoring/Logging:** Grafana, Prometheus, Log4j
- **Frontend:** JavaScript (ES6+), ReactJS, TypeScript, HTML, CSS, TailwindCSS
- **Version Control:** Git, GitHub

## EXPERIENCE

**Associate Software Engineer** June 2024 - July 2025  
Addverb Technologies *Pune, Maharashtra*

- Developed and deployed RESTful APIs using **Java** and **Spring Boot**, enabling seamless communication across distributed services and reducing onboarding time for new microservices by **30%**, thereby accelerating overall product development cycles.
- Optimized a large legacy codebase and improved backend throughput by **40%** through **multithreading** and the **Java Stream API**, enhancing response times and scalability under heavy load while reducing maintenance overhead.
- Configured local **Kubernetes clusters** for integration testing, enabling faster debugging, consistent environment replication, and reducing QA feedback loops through early bug detection.
- Integrated **Prometheus** and **Grafana** dashboards to monitor API performance and database health, proactively identifying bottlenecks, reducing production incidents, and providing actionable insights for capacity planning.

**Associate Software Engineer** Feb 2024 – June 2024  
Takeoff Technologies (Acquired) *Pune, Maharashtra*

- Developed and maintained backend services using **Java** and **Spring Boot** within a microservices-based architecture, implementing robust business logic and REST APIs.
- Built scalable REST APIs and integrated them with **React Micro Frontends**, ensuring high reliability and seamless end-to-end user experience.
- Implemented event-driven components using **GCP Pub/Sub** to optimize async processing, integrating seamlessly with Firestore for reliable data storage.

**Software Engineering Intern** Sep 2023 – Jan 2024  
Takeoff Technologies (Acquired) *Pune, Maharashtra*

- Built Java-based backend modules focusing on clean architecture and API development.
- Deployed Java workloads on GCP (Cloud Functions) for internal applications.
- Automated environment provisioning using **Terraform (IaC)** for microservices.

## EDUCATION

**Post Graduate Diploma in Advanced Computing (CDAC)**, Pune 2023  
Bachelor of Technology in Mechanical Engineering, RCPIT Maharashtra 2018 - 2021