Vinayak Gawade

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PROFESSIONAL SUMMARY

Software Engineer building scalable, modular systems using Microservices architecture with measurable business impact. Strong ownership, analytical thinking, and cross-functional collaboration; driven by continuous learning, open-source, and enterprise innovation.

TECHNICAL SKILLS

Languages	**Java** (8–21), C/C++, Python, SQL, HTML5, CSS3, JavaScript, TypeScript, JSON
Frameworks	**Spring Boot** (2.x/3.x), Hibernate, Data JPA, Angular (10–17)
Data & Cloud	**PostgreSQL**, MySQL, MongoDB, Apache **Kafka**, Apache NiFi, AWS S3
Testing	Drools **Rule Engine**, JUnit 4/5, Mockito, PowerMockito, Cucumber, JMeter
DevOps & Tools	Docker, Kubernetes, Jenkins, Git, GitHub Actions, **Maven**, IntelliJ IDEA, Postman, DBeaver

PROFESSIONAL EXPERIENCE

Software Engineer, SS&C Technologies   Jan 2022–Present — *Navi Mumbai, MH*

▸ Built scalable microservices using **Java 17+, Spring Boot 3.x.x, Hibernate**; automated workflows with **Drools Rule Engine**, handling 10K+ daily transactions.

▸ Developed real-time pipelines with **Apache NiFi, Kafka** (JSON/YAML); improved performance via **Java multithreading**, concurrency utilities, and **AWS S3**.

▸ Designed schemas in **PostgreSQL, MySQL** using **pgAdmin, DBeaver**; ensured 90%+ coverage with **JUnit, Mockito, Cucumber** (1500+ tests), tuned via **JMeter**, deployed using **Maven, Docker, Kubernetes**, contributed to **Angular**, led **Agile**, mentored on **Java** and **Git/GitHub**.

Data Analyst Intern, Business Toys   May 2021 — *Bengaluru, KA*

▸ Analyzed e-commerce metrics and visualized data to drive marketing strategy, promotions, predictive insights, and business intelligence.

Android Developer Trainee, MindScript   May–Jun 2018 — *Thane, MH*

▸ Built Android apps (**Music Player**, **Student Management System**); UI in **XML**, backend in **Java**, tested on physical devices.

KEY PROJECTS

Jobs Internships and Courses Recommendation System   B.E. Final Year – 2021–22 ✎
Python ML recommender using Content-Based, Collaborative, and Hybrid Filtering with NLP (NLTK) and user feedback for jobs, internships, and courses.

Women Safety Mobile Application   B.E. SEM VII
Android SOS app sending live location on phone shake using Firebase, Geolocation API, and accelerometer sensors.

Price Comparison E-commerce Platform   B.E. SEM V
E-commerce price comparison platform; frontend in HTML, CSS, Bootstrap; backend in PHP and MySQL.

Gesture Control Voice Command over Android Device   Diploma Final Year – 2018–19 ✎
Assistive Android system using flex sensors and microcontroller; gesture-to-voice conversion via Bluetooth.

ACHIEVEMENTS & RECOGNITION

First Runner-Up – SS&C Technologies GIDS Hackathon 2024   Jul 2024
Secured 2nd place among 40+ teams; built a Document Digitization solution using Vidado (ICR) with template-driven **Spring Boot** microservices and **Angular** frontend, enabling one-time configuration and enterprise scalability.

RESEARCH PUBLICATIONS

🔖 **Gesture Control Voice Command Over Android Device** - *IJMER*, Mar 2019 📄

🔖 **Jobs, Internships & Courses Recommendation System** — *Dickensian Journal*, Vol. 22(6), Jun 2022 🔗

EDUCATION

Don Bosco Institute of Technology, Mumbai — *B.E. IT, University of Mumbai*   2019–2022 — CGPA: 8.50

Government Polytechnic Mumbai — *Diploma in Computer Engineering (Autonomous)*   2016–2019 — 88.71%

Samata Vidya Mandir, Sakinaka — *S.S.C., Maharashtra State Board*   2016 — 91.60%

References available upon request. Updated: February 7, 2026

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