

# 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 — <i>Navi Mumbai, MH</i>
▶ Built scalable microservices using <b>Java 17+</b> , <b>Spring Boot 3.x.x</b> , <b>Hibernate</b> ; automated workflows with <b>Drools Rule Engine</b> , handling 10K+ daily transactions.	
▶ Developed real-time pipelines with <b>Apache NiFi</b> , <b>Kafka</b> (JSON/YAML); improved performance via <b>Java multithreading</b> , concurrency utilities, and <b>AWS S3</b> .	
▶ Designed schemas in <b>PostgreSQL</b> , <b>MySQL</b> using pgAdmin, <b>DBeaver</b> ; ensured 90%+ coverage with <b>JUnit</b> , <b>Mockito</b> , <b>Cucumber</b> (1500+ tests), tuned via <b>JMeter</b> , deployed using <b>Maven</b> , <b>Docker</b> , <b>Kubernetes</b> , contributed to <b>Angular</b> , led <b>Agile</b> , mentored on <b>Java</b> and <b>Git/GitHub</b> .	

**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

<b>Jobs Internships and Courses Recommendation System</b>	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.	
<b>Women Safety Mobile Application</b>	B.E. SEM VII
Android SOS app sending live location on phone shake using Firebase, Geolocation API, and accelerometer sensors.	
<b>Price Comparison E-commerce Platform</b>	B.E. SEM V
E-commerce price comparison platform; frontend in HTML, CSS, Bootstrap; backend in PHP and MySQL.	
<b>Gesture Control Voice Command over Android Device</b>	Diploma Final Year – 2018-19
Assistive Android system using flex sensors and microcontroller; gesture-to-voice conversion via Bluetooth.	

## ACHIEVEMENTS & RECOGNITION

<b>First Runner-Up – SS&amp;C Technologies GIDS Hackathon 2024</b>	Jul 2024
Secured 2nd place among 40+ teams; built a Document Digitization solution using Vidado (ICR) with template-driven <b>Spring Boot</b> microservices and <b>Angular</b> 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

<b>Don Bosco Institute of Technology, Mumbai</b> — <i>B.E. IT, University of Mumbai</i>	2019–2022 — CGPA: 8.50
<b>Government Polytechnic Mumbai</b> — <i>Diploma in Computer Engineering (Autonomous)</i>	2016–2019 — 88.71%
<b>Samata Vidya Mandir, Sakinaka</b> — <i>S.S.C., Maharashtra State Board</i>	2016 — 91.60%