

# ANKIT VISHWAKARMA

Pune, India

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## Education

**Dr.Babasaheb Ambedkar Technological University**

**June 2021 – May 2025**

*Bachelor of Technology in Computer Science*

*Pune, Maharashtra*

**Gayatri Junior College**

**June 2019 – May 2021**

*Higher Secondary (Science)*

*Pune, Maharashtra*

## Experience

**Maharashtra Metro Rail Corp Ltd**

**Mar 2025 – Jun 2025**

*Intern*

*Pune*

- Developed and optimized **REST APIs** in Java & Python, **cutting response time by 30%**.
- Automated deployments with **Python/Batch scripts**, **reducing release time by 40%**.
- Integrated **Google Maps API** and tuned SQL queries, **boosting data retrieval speed by 25%**.
- Streamlined workflows with **Git**, ensuring **100% on-time releases**.

## Projects

**RENTAL SERVICE** | [Github](#) | *Java, Spring Boot, PostgreSQL, Razorpay*

**Dec 2025**

- Architected a **robust REST API** using Spring Boot & PostgreSQL to manage the complete lifecycle of properties and leases.
- Engineered a **hybrid security architecture** combining JWT for owners and secure **Magic Links** for passwordless tenant access.
- Built an **automated invoicing engine** supporting fixed rent and metered utilities, integrated with **Razorpay** for payments.
- Developed a **maintenance ticketing system** with priority handling and status tracking to streamline operations.

**RESUCRAFT - RESUME BUILDER API** | [Github](#) | *Java, Spring Boot, MongoDB, Docker*

**Oct 2025**

- Engineered a **scalable REST backend** using Spring Boot & MongoDB for dynamic document handling.
- Secured endpoints with **Spring Security & JWT**, implementing 100% stateless authentication.
- Integrated **Razorpay payment gateway** to monetize premium template subscriptions.
- Containerized application with **Docker** to streamline deployment and reduce configuration overhead.

**INTRUSION DETECTION SYSTEM (IDS)** | [Github](#) | *Python, Flask, Machine Learning*

**April 2025**

- Achieved **95%+ accuracy** in real-time malicious traffic detection.
- Processed **1M+ packets/hour** via Python & Scapy feature extraction.
- Integrated XGBoost, **boosting detection accuracy by 12%**.
- Built Flask dashboard for **instant alerts**, cutting response time.

## Technical Skills

- **Programming Languages:** Java, Python, C/C++, C#, SQL (PostgreSQL, MySQL, MS SQL Server), JavaScript (ES6+), HTML5, CSS3
- **Frameworks & Libraries:** Spring Boot, Hibernate ORM, JUnit, Flask, Node.js, React.js (basics), Spring Scheduler, Quartz Scheduler
- **Databases & Caching:** PostgreSQL, MySQL, MS SQL Server, Redis
- **Tools & DevOps:** Git, GitHub, Maven, Postman, IntelliJ IDEA, VS Code, Docker (basics), Jenkins (basics), Azure DevOps (basics)
- **Concepts & Methodologies:** Agile/Scrum, SDLC, CI/CD Pipelines, REST API Design & Integration, Microservices Architecture (basics), Build Automation, Cloud Fundamentals (Azure/AWS basics), AI/ML Fundamentals, Network Security, Data Structures & Algorithms

## Leadership / Extracurricular

- **Problem Solving:** Solved 100+ DSA problems on LeetCode and other platforms using Java & Python.
- **Hackathon:** Built solutions under time constraints at AlphaByte 1.0 (Anantya 2024), PCCOE.

## Languages

English Hindi Marathi