

ANKIT VISHWAKARMA

Pune, India

📞 +91 7972690519 📩 ankitvis210@gmail.com 💬 LinkedIn/in/ankit-vis 🌐 Github/AnkitV15

Education

Dr.Babasaheb Ambedkar Technological University <i>Bachelor of Technology in Computer Science</i>	June 2021 – May 2025 <i>Pune, Maharashtra</i>
Gayatri Junior College <i>Higher Secondary (Science)</i>	June 2019 – May 2021 <i>Pune, Maharashtra</i>

Experience

Maharashtra Metro Rail Corp Ltd <i>Intern</i>	Mar 2025 – Jun 2025 <i>Pune</i>
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- 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 <i>Java, Spring Boot, PostgreSQL, Razorpay</i>	Dec 2025
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- 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 <i>Java, Spring Boot, MongoDB, Docker</i>	Oct 2025
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- 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 <i>Python, Flask, Machine Learning</i>	April 2025
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- 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