Aditya Yerokar

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Objective

Aspiring Software Engineer with strong foundations in **data structures, algorithms, and software development principles**. Skilled in **Flutter, Spring Boot, Firebase**, and cloud-based application design. Passionate about solving complex problems, adopting emerging technologies quickly, and building innovative, user-centric software solutions that align with business goals and empower users.

Projects

LocalLink – Verified Service Marketplace Application — June 2024 – Present
Tech Stack: Dart, Flutter, Firebase (Cloud Storage, Authentication)

- Built a **cross-platform app** connecting users with 100% admin-verified service providers, eliminating fraud and fake listings.
- Implemented features like **Top Rated This Week**, community alerts, and category-based browsing, improving discovery efficiency by **40%**.
- Designed an admin dashboard for verification, ads, and real-time notifications, reducing manual workload by **60%** while ensuring **99% uptime** with secure authentication and encrypted storage.

weGPAins – E-Learning Platform *[GitHub]* — Feb 2023 – Jun 2023
Tech Stack: Dart, Flutter, Firebase (Cloud Storage, Authentication)

- Developed a **cross-platform mobile app** providing academic resources to 500+ students and faculty with **99.9% uptime**.
- Added scalable features including an e-library, virtual tools, and an AI-powered chatbot, enhancing usability and adoption.
- Streamlined academic content delivery, reducing manual note distribution by **70%** and improving accessibility.

Airline Management System — Jul 2022 – Sep 2022
Tech Stack: Java (Swing, Servlet), MySQL

- Built a **desktop application** for flight management, booking, and passenger records, automating admin workflows.
- Implemented CRUD operations with JDBC, cutting errors by **60%** and improving operational efficiency.
- Applied OOP principles for modular workflows and conducted unit testing to ensure system stability.

Technical Skills

Frameworks & Languages: C, C++, Java, Python, JavaScript, Dart, Flutter, Spring Boot (Learning)
CS Fundamentals: Data Structures & Algorithms, OOP, Database Management
Libraries & Tools : HTML5, Tailwind CSS, React, Git, GitHub, Linux, VS Code, IntelliJ IDEA, Office365
Databases & Cloud: MySQL, Firebase (Cloud Storage, Authentication)

Education

KIT's College of Engineering, Kolhapur — Sep 2023 – May 2026
B.Tech in Computer Science and Business Systems | GPA: 8/10

Government Polytechnic, Amravati — Jul 2023
Diploma in Computer Engineering | Percentage: 84.68%

Achievements & Certificates

Consolation Prize, Regional-Level Project Competition (Jun 2023) — Recognized for developing *weGPAins*, an innovative academic assistance platform.

LeetCode — Solved 200+ problems; 100 Days Badge (2025).

HackerRank — 4★ in Java; Certification of skills in problem solving.

Infosys Springboard — Certified in Programming using Java (2025).