SHUBHAM DUBEY

📞+91-7687877772 ✉ itzshubhamofficial@gmail.com 🗲 LeetCode ⬡ GitHub ★ Portfolio in LinkedIn

SUMMARY

Computer Science undergraduate with strong foundations in object-oriented programming, software testing, and backend development. Skilled in writing scalable, testable code and designing unit/integration test suites in Python, JavaScript / TypeScript, and C++. Experienced with Dockerized environments, CI/CD pipelines, and cloud deployment. Built multiple full-stack projects and actively exploring contributions to complex open-source repositories.

SKILLS

Languages: Python, JavaScript, TypeScript, C++, Dart, PHP, SQL
Testing: Unit Testing (PyTest, Jest, JUnit), Automated QA Strategies, Selenium
Frameworks/Tools: Node.js, React, Next.js, MongoDB, Flutter, Firebase, FASTAPI, Flask, PyQt, Tailwind CSS
DevOps/Cloud: Docker, GitHub Actions (CI/CD), AWS, GCP, DigitalOcean
Technologies: Chrome APIs, Win32 APIs, Web Scraping, Software Engineering Practices
Others: REST APIs, Chrome APIs, Web Scraping, Agile Development

WORK EXPERIENCE

KARTAVYA TECHNOLOGY | Flutter, NodeJs, MongoDB   Remote
Role: Software Development Engineering (SDE) Intern   January 2025 – Present
- Led development of a scalable Payroll Management module using component-based architecture, fault-tolerant API endpoints enabling 10K+ employee onboardings post-launch.
- Built a full-stack mobile app with Flutter (BLoC pattern) and Node.js + MongoDB backend.
- Implemented unit test coverage for payroll APIs, improving reliability and scalability. 53 Tests written so far.

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY (IIIT), RAICHUR   Karnataka, India
Role I: Science & Technology Secretary   Oct 2024 – Present
- Organizing hackathons, coding events, and workshops with clubs to foster technical growth.
- Leading teams to develop software systems to improve campus operations.

Role II: Website Team of IIIT Raichur as "Full Stack Developer"   Nov 2024 – Present
- Contributed to the college's official website improving usability, performance, and maintainability.

RIDOBIKO SOLUTIONS PRIVATE LIMITED - Experience Letter   Remote
Role: Software Development Engineering (SDE) Intern   July 2024 – Oct 2024
- Developed high-performance REST APIs and contributed to a Flutter project using "Clean Architecture" design.
- Managed CI/CD deployments via GitHub on platforms like Microsoft Azure and DigitalOcean.
- Enhanced code quality by integrating automated testing pipelines for APIs and app modules.

EDUCATION

Indian Institute of Information Technology (IIIT), Raichur   Karnataka, India
B.Tech in Computer Science and Engineering   Aug 2023 – May 2027
Cumulative GPA: 8.14/10
CS Fundamentals: Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks,   ,
        Software Engineering

PROJECTS

Codescrybe: Chat with Github Legacy Codebases - Github Link - View Link   January 2025
- Developed a Full Stack Web Application with React, Python, FASTAPI, MongoDB and Neo4J.
- Built RAG Pipeline for efficient storage of Github Codebase data as chunks in Graph Database.

Flow Dash: A Project and Task Management Application for Teams - Github Link - View Link   January 2025
- Developed a Full Stack Web Application with Next, React, MongoDB and Firebase used by 100+ users.
- Added **Jest-based** unit tests for backend APIs, ensuring task reliability.

Car Connect: Services & Product E-Commerce Platform (Merchant & Consumer) - Github Link - Apk Link   March 2024
- Developed a mobile application platform using Flutter for both consumers and merchants.
- Implemented RESTful APIs with **Jest** test coverage for product & service modules.

GPA Genie: Chrome Extension for Automated GPA Calculation - Github Link - Chrome Web Store Link   Jan 2024
- Developed a Chrome extension for my college (IIIT Raichur) website to automate GPA calculation.
- *200+ installs* for this extension till now.

AWARDS & ACHIEVEMENTS

- Runner up in Covasant AI Hackathon 2025 (Team Repolens) - *Official Post*
- Honorable Mention Award Winner for *Code Cubicle 2.0 2024 Hackathon (Team Lead)* - *Certificate Link*
- Winner for *GPA Genie Challenge* for making GPA Calculator chrome extension
- Showcased our college in the National Wellbeing Conclave (NWC) held at IIT Hyderabad *representing our college.*