SHUBHAM DUBEY

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SUMMARY

Computer Science undergraduate at IIIT Raichur, with a passion for scalable systems and algorithmic problem-solving. Proficient in C++, Python, and JavaScript, with hands-on experience in full-stack development, Linux, and cloud-native tools. Solved 300+ problems on LeetCode and actively participate in hackathons. Interned as an SDE at startups, contributing to backend systems, test automation, and real-world product development. Interested in distributed systems, information retrieval, and applied ML.

SKILLS

Languages: C++, Dart, Python, PHP, JavaScript, SQL
Specialization: Android Development, Backend Development, Frontend Development, Cross Platform Development
Frameworks/Tools: Flutter, Node.js, React, Next, MongoDB, Firebase, REST API, Selenium, FASTAPI, Flask, PyQt, Tailwind CSS
Cloud Services: Amazon Web Services (AWS), Google Cloud Services (GCP), DigitalOcean
Other Skills: Agile Methodologies, Unit & Integration Testing, Fault-Tolerant Design, Chrome APIs, Win32 APIs

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.
- Designed distributed payroll modules with scalable MongoDB backends, fault-tolerant API endpoints, and clean code architecture.

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
- Contributing to College's Website to make it look and perform better for the outside world.

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.
- Technologies Used : 10+ Tech. e.g. Flutter, NodeJs, FASTAPI, Python, Web Scraping

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: Object-Oriented Programming, Data Structures and Algorithms, Relational Database (DBMS), Complexity Analysis Operating System, Computer Networks, Software Engineering

UNIVERSITY PROJECTS

Flow Dash: A Project and Task Management Application for Teams - Github Link - View Link   January 2025
- Built a full-stack team management platform using React, Next.js, Firebase, and MongoDB.
- Designed with scalability in mind and used Firebase real-time updates to support distributed collaboration.

Car Connect: Services & Product E-Commerce Platform (Merchant & Consumer) - Github Link - Apk Link   March 2024
- Designed and developed a Flutter app supporting service discovery and product listing with a RESTful Node.js backend.
- Used NodeJs and MongoDB for developing RESTful API's

GPA Genie: Chrome Extension for Automated GPA Calculation - Github Link - Chrome Web Store Link   Jan 2024
- Developed a Chrome Extension using JS & DOM APIs to parse GPA from IIIT Raichur's portal and automate GPA calculation.
- *Achieved 200+ installs, with attention to client-side scripting and UI responsiveness.*

AWARDS & ACHIEVEMENTS

- 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.*