SHUBHAM DUBEY

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SUMMARY

Computer Science undergraduate at IIIT Raichur with a strong foundation in mobile app development, especially in Android and Flutter. Passionate about building scalable systems and solving algorithmic challenges. Experienced in developing and deploying full-stack mobile apps using Flutter, Kotlin and REST APIs.

SKILLS

Languages: C++, Dart, *Java, Kotlin*, Python, PHP, JavaScript, SQL
Specialization: *Android Development*, Backend Development, Frontend Development, *Cross Platform Development*
Frameworks/Tools: *Flutter, Firebase,* Android SDK, SQLite, Node.js, MongoDB, *RESTful APIs, Android Studio*, FASTAPI, Git
Cloud Services: Amazon Web Services (AWS), Google Cloud Services (GCP), DigitalOcean
Other Skills: Agile Methodologies, Problem Solving, Chrome APIs, Win32 APIs, XML, Flutter Third-party Libraries (Provider, etc.)

WORK EXPERIENCE

KARTAVYA TECHNOLOGY | Flutter, Kotlin, NodeJs, MongoDB | Playstore App Link   Remote
Role: Software Development Engineering (SDE) Intern   January 2025 – Present
- Led development of a scalable Payroll Management module using component-based architecture and fault-tolerant API endpoints, enabling 10K+ employee onboardings post-launch.
- Built and released a full-stack mobile app using Flutter (**BLoC pattern**) with a Node.js + MongoDB backend, and integrated *native Android components using Kotlin for enhanced performance*.
- Handled complete *Play Store deployment*, including signing, release build configuration, and rollout management.
- Designed distributed payroll modules with scalable NoSQL schema, optimized API endpoints, and mobile-backend integration.

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 or Mobile App 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.

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

IIITR Connect: Multi-Tenant College ERP Application (Attendance, Courses etc) - Github Link   January 2025
- Built a multi-tenant College ERP app in Flutter with modules for course registration, class scheduling, fee payment, and attendance tracking.
- Implemented secure role-based access and dynamic UI rendering for students, faculty, and admins.

Car Connect: Services & Product E-Commerce Platform (Merchant & Consumer) - Github Link - Apk Link   March 2024
- Designed and developed a two-interface Android app for merchant & consumer roles.
- Implemented product listing, service discovery, and secure API interactions.

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.*