

SHUBHAM DUBEY

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SUMMARY

Computer Science undergraduate with hands-on experience in scalable distributed systems, object-oriented design, and building performant full-stack applications. Skilled in C++, Python, Java, Kotlin, Flutter, React, Next frameworks, with strong foundations in algorithms, data structures, and cloud-native development. Hands-on experience in deployment in AWS and GCP.

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

Technologies: Chrome APIs, Win32 APIs, Web Scraping, Software Engineering Practices

Other Skills: Agile Methodologies, CI/CD with GitHub, Unit & Integration Testing, Fault-Tolerant Design, Android Development

WORK EXPERIENCE

KARTAVYA TECHNOLOGY | Flutter, NodeJs, MongoDB

Role: Software Development Engineering (SDE) Intern

Remote
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

Role I: Science & Technology Secretary

Karnataka, India
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.

RIDOBICO SOLUTIONS PRIVATE LIMITED - [Experience Letter](#)

Role: Software Development Engineering (SDE) Intern

Remote
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

B.Tech in Computer Science and Engineering

Karnataka, India
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

- Developed a Full Stack Web Application with Next, React, MongoDB and Firebase.
- Used by 100+ Users in my Institute.

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.
- 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 for my college (IIIT Raichur) website to automate GPA calculation.
- 200+ installs for this extension till now.

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*.