


SHUBHAM DUBEY

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SUMMARY

Computer Science undergraduate with strong foundations in object-oriented programming, software testing, and automated QA tools. Skilled in debugging, writing scalable testable code, and building test strategies using Selenium, Python, and REST APIs. Familiar with Agile development and end-to-end quality assurance processes. Hands-on experience in deployment in AWS and GCP.

SKILLS

Languages: C++, Dart, Python, PHP, JavaScript, SQL

Specialization: QA Methodology & Test Strategies, Automated Testing, Android/Java Testing Experience, 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, Customer-Centric Thinking, Ambiguity Handling

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*.