LAVISH TEST

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Education

Indian Institute of Technology, Bhilai	**Jul 2019 – May 2023**
Bachelor of Technology in Computer Science and Engineering	*CGPA: 8.25*

Experience

Unique Identification Authority of India   **Jul 2023 – Present**
Software Engineer   *Bangalore, India*
- Integrated OAuth functionality into Aadhaar mobile application using Auth0 (Okta) and Flutter to streamline secure authentication.
- Developed **50+** unit tests using JUnit for Aadhaar FaceRD (5M+ Play Store downloads), enhancing reliability and reducing regression bugs.
- Collaborated on "Universal Client" desktop application with Java Swing, a primary Aadhaar product for **100+** Aadhaar centers, enabling **200+** secure transactions/day across **15+** services.
- Participated in end-to-end design, testing, and deployment of updates, ensuring system availability and data integrity.

MAQ Software   **May 2022 – Jul 2022**
Software Engineering Intern   *Hyderabad, India*
- Collaborated with internal tools team using React, SQL Server, and C# to optimize enterprise workflows.
- Revamped the organizational attendance portal, reducing manual approval steps and cutting managerial workload by **40%**.
- Gained exposure to Agile practices, version control (Git), and CI/CD processes.

Notable Projects

Ask IT   **2021**
Full Stack Q&A App   *React, Firebase, CKEditor 5*
- Developed a fully responsive Q&A web app with rich text input and Firebase Authentication via email and federated identity providers.
- Designed Firestore-based backend for real-time data sync across users.

Quizz App   **2022**
Real-time Quiz Platform   *MERN, Material UI, JWT, Netlify*
- Built a dynamic quiz platform featuring real-time leaderboards, results archive, and JWT-based user auth.
- Deployed on Netlify with serverless backend and responsive Material UI interface.

Skills

Languages: C++, Java, Python, C, JavaScript, Dart, PHP, HTML, CSS, SQL, MySQL
Frameworks/Tools: ReactJS, NodeJS, ExpressJS, Flutter, Docker, Git, MongoDB, Java Swing, JUnit, OAuth, Firebase, Serverless Functions
Areas: Full Stack Development, Android Dev, Unit Testing, REST APIs, Authentication, Deployment, Data Structures and Algorithms

Leadership & Campus Engagement

NSS IIT Bhilai   **May 2022 – May 2023**
Web Developer
- Maintained and enhanced NSS IIT Bhilai website (**400+** student users) using PHP, JavaScript, HTML, CSS, and Docker.

NSS IIT Bhilai   **May 2021 – May 2022**
Environmental Executive
- Led 50-student initiative to produce **200+** paper bags from recycled newspaper.
- Conducted hands-on workshop for **40+** institute staff to teach sustainable paper bag making.

Robotics Club, IIT Bhilai   **May 2020 – May 2021**
Core Member
- Co-organized and facilitated an online workshop on robotics and sensor basics for **170+** students.