

Motivated and skilled engineer with a strong foundation in Python, Flutter, C++, C, and Unix. Experienced in developing mobile and web applications. Seeking an internship opportunity to further develop my skills and contribute to a successful organization. Proficient in using Git and Azure, and experienced in building apps with Flutter and Firebase.

Education

- **B.E. Information Science and Engineering**, B.M.S. College of Engineering, India. **2020–2024**

Technologies and Languages

- Languages: Java, Dart, SQL, C++, C, Python, Bash, Java, CSS, JavaScript, React
- Technologies: MySQL, MongoDB, AWS, Git, Flutter, Oracle Cloud, Google Cloud, Google Firebase, Microsoft Azure
- Other: Data structures and algorithms

Projects

- **Bill Split**
 - Implemented a cross-platform bill splitting app using Flutter that evenly calculates restaurant bills for groups of people based on their individual orders
 - Used an algorithm to split the bill perfectly by ensuring that everyone pays for what they ate, without any overpayments or underpayments
 - Designed and tested a prototype in Figma for the bill-splitting application that reduced the time spent on user input and increased the UX.
 - Used Azure Vision's Form Recognizer to use OCR to extract text from receipts without manual labeling them, achieving 0% error rate, and increasing Bill Split's document processing speed by 40%.
- **InsightX**
 - Developed InsightX, a video analysis web application leveraging LLM to enable insight extraction from video
 - Integrated Cohere LLM API for real-time natural language processing to analyze subtitle text and generate detailed answers to user questions.
- **InterviewPal**
 - Developed InterviewPal, a real-time interview assistant web application using React.js integrating speech recognition and LLM-powered response generation via Cohere API
 - Managed application state using React Hooks, effectively handling real-time data streams.
 - Handled network and API errors robustly, ensuring a smooth user experience.
- **Email Asterisk Decoder**
 - Developed a Python script to predict and decode emails hidden behind asterisks making it a perfect application for OSINT Analysts and Security forces.
- **Outline VPN**
 - Hosted and managed VPN Servers for more than 20 users, deploying Shadowsocks servers on Oracle Cloud's and Google Cloud's and Digital Ocean's VM Instances in United Arab Emirates, India, and Bahrain.
 - Optimized Shadowsocks server performance by tweaking configuration files.

Certifications

- **AWS: Getting Started with Cloud Security**
- **Data Science: Productivity Tools**