

MUKUL KUMAR

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WORK EXPERIENCE

Engati

Nov 2023 – Jun 2024

Software Developer Intern

- Designed and developed a robust Chrome extension to automate WhatsApp broadcasts directly from Google Sheets, optimizing outreach and boosting productivity.
- Improved microservices and added features to send WhatsApp message status packets to custom URLs and headers.
- Enabled skipping the data input form for WhatsApp, Instagram, and Messenger bots, enhancing user experience.

HighRadius Corporation

Jan 2022 – Apr 2022

Product Development Intern

- Built an AI-enhanced Fintech B2B invoice management web app with React.js, JDBC, Java, Servlet, and MySQL, featuring responsive dashboards, invoice searching, and CRUD operations.

PROJECTS

Mars Android App

Nov 2024 - Present

- Developed an Android app for exploring Mars images, featuring a chatbot for real-time insights, powered by Gemini API.
- Implemented OAuth 2.0 for secure login and a navigation bar to enhance app usability. [Demo](#) [Github](#)
- Tech Stack:** Kotlin, Gemini API, Android Jetpack, OAuth 2.0

PyLoadBalancer

Sep 2024 – Oct 2024

- Developed a custom load balancer, primarily using a round-robin strategy for traffic distribution, with YAML configuration to enable scalable backend server management and simplify server additions and updates. [Github](#)
- Tech Stack:** Python, YAML

Social Media App

Jan 2024 – Jan 2024

- Designed and worked on a social media web application with features including friend connections, posts and stories, likes, comments, public/private profiles, and session management, while leading a team of three. [Demo](#) [Gitlab](#)
- Tech Stack:** Spring-Boot, React, Neo4j, MariaDB, MongoDB, JWT, Redis, BCryptPasswordEncoder

Car Parking Server-Side Application

Nov 2022 – Dec 2022

- Developed RESTful APIs for an automated car parking system, enabling slot management, and status retrieval. [Github](#)
- Tech Stack:** NodeJS, NestJS, Typescript

TECHNICAL SKILLS

Languages and Frameworks: Java, NodeJS, Python, Kotlin, C++, Spring Boot, ExpressJS, NestJS, React, Jetpack Compose

Tools and Database: Docker, Kafka, AWS, Jenkins, Gradle, Git, SQL, MariaDB, MongoDB, Redis

EDUCATION

Kalinga Institute of Industrial Technology, Bhubaneswar

Jun 2019 – Jul 2023

Bachelor of Computer Science and Engineering; CGPA: 8.75/10