

# ANIRUDDHA BAGAL

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## Education

### Vidyavardhaka College Of Engineering

2020 – 2024

Bachelor of Engineering in Computer Science

CGPA: 8.2

## Skills

**Languages:** C/C++, Python, Java, HTML/CSS, JavaScript, MySQL, Golang

**Technologies/Frameworks:** ReactJS, React-Native, NodeJS, MongoDB, Django, FastAPI, GraphQL, NextJS, Docker

**Developer Tools:** Git, Github, Google Cloud Platform, Android Studio, Expo

## Experience

### Examic EdTech. 🌐

Aug 2024 – Present

Software Development Engineer

- Developed an end-to-end **on-screen evaluation system**, incorporating advanced algorithms for answer sheet grading, and ensuring scalability and seamless integration with frontend and backend
- Engineered internal tools leveraging **Retrieval-Augmented Generation (RAG)** workflows with LLMs like GPT and Gemini, streamlining content creation for exam materials and **improving efficiency by 40%**
- Leading the development of evaluation and reporting modules**, utilizing technologies like Next.js, Express, and MongoDB to deliver real-time analytics, automated grading, and intuitive dashboards

### Leucine, Inc. 🌐

Dec 2023 – Aug 2024

Full-Stack Intern

- Orchestrated FDA Tracker's development, integrating **Java** for backend and **React** for a scalable architecture.
- Implemented **advanced GPT models** for deep analysis of FDA documents, **enhancing interpretive accuracy**.
- Led the frontend for an **AI based application builder**, automating design using GPT models, Java, and Spring Boot.

### Athena Square Private Limited 🌐

Sept 2023 – Dec 2023

Software Development Engineer Intern

- Developed intuitive interface components using **NextJS**, ensuring **high performance** and **responsiveness**.
- Collaborated with the design team to **translate UI/UX wireframes** into functional components
- Worked closely with the backend team to **integrate RESTful APIs** and ensure seamless data flow.
- Optimized applications** for maximum **speed** and **scalability**.

## Projects

### Genius: AI-based SASS Platform 🌐 🔄 | NextJS, TailWind CSS, oAuth, Prisma, MySQL, OpenAI August 2023

- Full-fledged app with AI tools for **image, video, and music generation**, leveraging **OpenAI** and **ReplicateAI** APIs
- Integrated **secure subscription management** using **Stripe** payment integration, facilitating tiers - simple and pro.
- Implemented a **smooth and intuitive** user interface, with **Tailwind CSS** styling, animations, and full responsiveness.

### React-Native based Food Delivery App 🌐 | React-Native, MongoDB, Sanity.IO, Tailwind CSS January 2023

- Developed a **React-Native** based food delivery app using **Redux** for state management, Tailwind CSS and Sanity.IO
- Created different components and added features like authentication, cart and checkout option.
- Used Sanity.IO to build out the data and to edit images right on the interface.

### ML Based Extension for Flagging False Info. 🌐 | ReactJS, ExpressJS, Python, NLTK, Docker December 2022

- React-based **chrome extension** which scrapes the website and flags any false information related to Union Govt.
- Scrapes website using **puppeteer module** and sends data to **ML Model** using ExpressJS.
- ML Model is built based on **BERT** and uses **NLTK** for text summarizing.

## Achievements & Leadership

### Google Developers Student Club - Lead

2022 – 2023

Initiated to start a GDSC Club in our college and **one among 350 students selected** across India as Lead.

### UiPath Student Developer Champion

2021 - 2022

**Part of 82 students** selected across 5 countries. Bought awareness about **RPA** and helped grow its community.

### Coordinator - Open Source Lab, VVCE

2021 – 2024

OSL is a community of passionate college students, who have come together for the cause of promoting and contributing to Free and Open Source. I am also selected as **GitHub Campus Expert** through this.

### 2nd Place in Inter-College Hackerrupt Hackathon

Dec 2022

Our Team got **2nd Place** in the inter-college Hackathon conducted across Karnataka where more than 75 teams and **300+** students took part.