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EDUCATION

• **Indian Institute of Information Technology, Dharwad**   *2021-2025*

5th Semester. Bachelor of Technology, Computer Science and Engineering

EXPERIENCE

• **Affect Aware System**

Research Intern   IIT Bombay

– Developed an advanced learning system utilizing Video Bots for enhanced student engagement.
– Implemented an adaptive feedback mechanism using React & ExpressJS, a Flask server running the machine learning model, and improved learning outcomes.
– Built a software that can be executed locally using Docker or through an Electron installation.

• **IKS Text Analytics**

Research Intern   IIIT Dharwad

– Executed successful data scraping of significant texts such as Bhagavad Gita, Vedic Hymns, Vedantas, and Ramayana in different languages.
– Used an effective data mining algorithm using FP growth in Scala, leading to the generation of associated rules after detailed pre-processing.
– Constructed an interactive client-side web platform that showcases results through comprehensive graphics.

• **VIKRAM - Arthlex Research Private Limited**

Lead Developer   Remote

– Directing the building process of vikrambots.ai, a platform that allows creation and sharing of bots powered by LLMs.
– Implemented AWS EC2 hosting, integrated NextJS with Typescript, Flask with Langchain, and Weviate Vector Database.

• **GeoGuru QGIS LMS Application**

Lead Backend Developer   IIT Bombay

– Working on GeoGuru, a Learning Management System that incorporates a geographical information system.
– Overseeing the backend, leveraging a powerful and scalable server built with the MEN (MongoDB, Express and Node) stack.

PERSONAL PROJECTS

• **Rewind**

A social media platform powered with generative AI technologies solely built for music lovers.

– Primarily developed an AI-driven social media platform catered to music enthusiasts using TypeScript, Next.js, and Python.
– Spearheaded the design and implementation of a voice bot for enhanced website interaction, including post-creation and advanced search functionalities.

• **Event Management**

The complete event management website for club events from registering to ticketing.

– Solely created a one-stop online platform for managing club events, including registration and ticketing, using MERN stack, TailwindCSS, and Netlify Lambda.
– Successfully maintained flawless operation handling over 100k API calls with no service interruption.

• **Clash of CSS**

Interactive Platform for CSS Competitions

– Engineered a competitive platform leveraging Node.js, React.js, and Image Optimization, where developers can engage in CSS battles and construct their own challenges.
– Currently spearheading the development of a comprehensive SaaS product to facilitate in-event competitions across multiple colleges in India.

Technical Skills and Interests

Languages: TypeScript, JavaScript, Python, Java, C, C++, SQL, HTML, CSS, and Shell Scripting.
Tools: Docker, GitHub Actions, AWS and respective workflows
Frameworks: ReactJs, NextJs, NodeJs, Flask
Databases: Vector, SQL, No-SQL

Positions of Responsibility

- **President:** Velocity - Web and Application Development Club

- **Student Leader:** Postman Inc.

- **Campus Rep:** Buildspace

- **Core:** GDSC (Web) & Club Techniosys (Tech Lead)

Achievements

- **Global Hackathon Winner** - Postman Go with the Flow Hackathon

- **Shark Tank IIIT Dharwad Winner** - Pitched DevForces