

# VISHNU PRASAD KORADA

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## SKILLS

**Languages** C, Java, Python, JavaScript, Typescript, SQL  
**Frameworks** Express.js, Node.js, React.js, Next.js, Flask, React Native  
**Tools** Git, Postman, Tailwind CSS, Vercel, Figma, Supabase, Redux, MongoDB, Redis, TensorFlow  
**Soft Skills** Communication, Team Management, Problem Solving

## PROJECT EXPERIENCE

### Momentum 🔗

#### App Development

- Addressed the limitations of traditional task managers by implementing smart reminders to ensure that users complete tasks before deadlines.
- Designed an intuitive UI with React Native and Expo, ensuring a seamless user experience for financial tracking and analysis.
- Engineered an AI-driven task management system with personalized push notifications using FCM v1, ensuring timely reminders and seamless offline access for enhanced productivity.
- **Tech Stack:** React Native Expo, Supabase, React.js, Typescript, Redux-Toolkit

### Student Management API System 🔗

#### Backend API Development

- Engineered efficient **API endpoints** to manage Students, Courses, and Departments with robust **CRUD** operations for seamless data handling
- Implemented **Role-based Access control Auth**, enhancing application security and data privacy among students and admins.
- **Tech Stack:** TypeScript, Node.js, Express.js, MongoDB, Postman, Jest

### Rainfall Classification Analysis 🔗

#### Machine Learning Model Evaluation

- Conducted a comparative analysis on multiple popular classification models, evaluating based on accuracy gained per training time
- Evaluated classification models like SVM, Naive Bayes, XGBoost to gain **95.81%** accuracy & least time being **0.16s**
- Tackled Class Imbalance, Data Imputation using **MICE** imputation along with Feature Selection
- Identified the most efficient model for pre-processed rainfall data being **Gaussian Naive Bayes** & XGBoost
- **Tech Stack:** Python, Scikit-learn, Pandas, Seaborn

## EDUCATION

### GIET University

Bachelor of Technology in Computer Science Engineering with Specialization in AIML

2022 - 2026

Grade: 8.56 CGPA

## ACHIEVEMENTS / CERTIFICATIONS

### Technical Lead, Webeye Club GIETU

July 2024 – Present

- Organized 3+ workshops attended by 200+ participants, collaborating with teams to enhance skills in Web Development and Team Management

### Web Development Lead, Google Developer Groups on Campus GIETU

June 2023 – Present

- Contributed and Organised multiple Workshops and Events alongside other leads and members

### Contributor, University App and Backend Development

May 2024 – Present

- Integrated a GenAI Powered Quiz Backend System

### 5 Stars in Java, Python and Javascript on Hackerrank

### Supervised Machine Learning Certificate

[Certificate Link](#)

Gained in-depth knowledge of supervised learning techniques, including regression and classification models.

### Postman API Fundamentals Student Expert

[Certificate Link](#)

Developed proficiency in API testing with Postman, including authorization handling, automation scripting, and code generation.