

CHAITANYA TAMIRA

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chaitanya-tamira

chaitanyatamira

TECHNICAL SKILLS

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL
Technologies/Frameworks: Flask, ReactJS, Node.js
Libraries & Packages: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow
Databases: MongoDB, MySQL, PostgreSQL
Developer Tools: Git, GitHub, VS Code, PyCharm, IntelliJ IDEA, AutoCad

EDUCATION

VNR Vignana Jyothi Institute of Engineering and Technology

2022–2026

Bachelor of Technology in Computer Science (AIML)

CGPA: 8.96

- Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, Database Management, Computer Networks, Software Engineering, Machine Learning, Artificial Intelligence

EXPERIENCE

IBM SkillsBuild

Jun 2024 – Aug 2024

Frontend Development **FinBuddy**

Remote

- Developed FinBuddy, a comprehensive financial management web application using React, Node.js, and MongoDB.
- Engineered responsive UI components with Tailwind CSS and implemented real-time data visualization using Chart.js.
- Integrated JWT-based authentication system and designed user dashboard with dynamic financial analytics.
- Collaborated in a team environment to deliver features including expense tracking, income management, and budget analysis tools.

PROJECTS

ActiGen: Activity Logger & AI-Powered Resume Generator

Feb 2025

- Technologies:* React, Material-UI, Flask, MongoDB, Google Generative AI, Recharts, JWT
- Designed an AI-driven platform for students to log achievements, track progress, and auto-generate optimized resumes.
- Built a responsive dashboard with Material-UI and Recharts for visualizing activity timelines and progress tracking.
- Implemented JWT-based authentication, secure data storage, and React Hook Form for dynamic form validation.
- Integrated Google Generative AI to analyze and rank logged activities based on job descriptions for enhanced placements.

CatchPhish: Phishing Domain Detection System

Oct 2024

- Technologies:* Python, Flask, Scikit-learn, HTML/CSS, JavaScript
- Developed a machine learning-powered web application that analyzes URLs for phishing indicators with 96% detection accuracy.
- Implemented feature extraction algorithms to process URL attributes, domain information, and content patterns.
- Designed and deployed a Flask-based API with real-time prediction capabilities, improving user web security assessment.

ACHIEVEMENTS

- Offered Scholarship by Telangana Govt for being in top 1% in Intermediate Board Examinations.
- Secured finalist position in 24hr Hackathon by DEIS, JNTUH, and Techno Vista 2k24 by VNRVJIET.
- Finalist in HACKFEST 2024, Hyderabad.

CERTIFICATIONS

Python for Data Science

Oct 2024

NPTEL

View Certificate

Machine Learning Specialization

Sep 2024

DeepLearning.AI, Stanford University

View Certificate

Web Development Fundamentals

Jul 2024

IBM SkillsBuild

View Certificate

Tableau Training for Data Science

Aug 2023

Udemy

View Certificate

LEADERSHIP & EXTRA-CURRICULAR

Student Force Club

Aug 2022 – Present

Active Member – 13th Batch

VNR VJIET

- Engaged in student-led initiatives across Education, Environment, Charity, and Cognizance domains.
- Organized and led community service events focused on sustainable social development.