Kuhu Ghosh

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ACADEMIC PROFILE

B-Tech CSE (Core)	9.00 CGPA	Vellore Institute Of Technology, Andhra Pradesh	2023-27
Class XII (CBSE)	87%	Aditya Academy Secondary, Barasat	2021
Class X (CBSE)	92%	Aditya Academy Secondary, Barasat	2019

AREAS OF STUDY

- Computer Science – DSA, Java OOPs, Python, C, C++, Oracle SQL Plus, Data Analytics (R lang), Soft Computing, Entrepreneurship.

PROJECT(S)

E-Cycle Charger System – EV Charging Circuit Design

VIT-AP University | Team Project | 2024

- Built a compact, cost-effective EV charger converting 220V AC to 24.55V DC using a transformer, rectifier, capacitor, and buck converter.
- Ensured safe, ripple-free charging for a 24V, 12Ah battery with minimal components.
- Successfully tested the prototype for stable voltage regulation and performance.

Library Management System – Software Project

VIT-AP University | Team Project | 2025

- Developed a web-based system for automating book inventory, borrowing/return, and user management.
- Implemented features like user login, search, overdue alerts, and admin dashboard.
- Ensured secure, scalable, and user-friendly access for both librarians and members.

Spam Email Classifier (Python, TensorFlow)

- Built a neural network to classify emails as spam or ham
- Used TfidfVectorizer for feature extraction and trained with TensorFlow
- Displayed prediction results with confidence scores

Harry Potter Themed Website (HTML, CSS, JavaScript)

- Designed and developed a responsive multi-page website inspired by Harry Potter
- Included features like book links, quizzes, and an interactive Patronus & Sorting Hat quiz
- Hosted and showcased via GitHub Pages for public access

CERTIFICATIONS

Foundations of Digital Marketing and E-commerce	Google	2024
Introduction to Front-End Development	Meta	2025

POSITIONS OF RESPONSIBILITY

Vellore Institute Of Technology Andhra Pradesh	**Member of Microsoft Students Chapter Creative & Design Team** - Contributed to the design of digital assets, event posters, and social media content - Used tools like Figma and Canva for UI mockups, branding, and visual storytelling - Collaborated with cross-functional teams to maintain a consistent visual identity	**2024-2025**

ACCOMPLISHMENTS

Competitions and Activities	**3rd Place – College Entrepreneurship Program** - Secured 3rd position in a competitive entrepreneurship course by presenting a unique venture idea - Designed a working prototype and business model showcasing innovation, feasibility, and market potential - Evaluated by faculty and industry professionals for creativity, impact, and execution **Cleared the first round of SIH (Hackathon)**	**2025**

SKILLS	Front-End Development, Python, C, C++, Java, JavaScript, CSS, HTML, Figma, Canva, R-lang, MySQL, Oracle SQL+, UI/UX, Word-Press, Strong Orator.