# DEBASISH PRADHAN

Computer Science Undergraduate | Software Development & AI Projects

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## ABOUT ME

Computer Science undergraduate with hands-on experience in full-stack software development and AI-powered applications. Built scalable web platforms, fintech systems, and intelligent solutions using React, Node.js, FastAPI, PostgreSQL, and Python. Strong foundation in Data Structures & Algorithms, DBMS, Operating Systems, Computer Networks, and Machine Learning with practical experience through industry internships and real-world projects.

## EDUCATION

**BTECH IN COMPUTER SCIENCE AND ENGINEERING** 2024-Present

Veer Surendra Sai University of Technology , Burla
CGPA - 8.8

**INTERMEDIATE** | 83.5% 2022-2024

**MATRICULATION** | 96% 2021-2022

## SKILLS

**Programming** : C++,Python,JavaScript | **AI/ML** : Scikit-learn, Pandas, NumPy | **Core CS**- DBMS,OOPs,OS,CN,DSA
**Frameworks** : HTML,CSS,React.js,Node.js,FastAPI | **Databases**-MySQL, PostgreSQL | **Tools** : Git ,GitHub ,VScode

## PROJECTS

**SkillFolio - AI Resume and Portfolio Builder**

Python | FastAPI | Google Gemini API | JavaScript | Tailwind CSS | HTML
GitHub | Live Demo

- Developed an AI-powered platform that converts user conversations into ATS-optimized resumes.
- Integrated Google Gemini API for skill extraction,professional resume content generation, and career insights..
- Built AI features including portfolio generation , resume parser, skill-gap detection, mock interviews .

**TrustGuard - Fintech Fraud Detection Platform**

React.js | TypeScript | Node.js | Express.js | PostgreSQL | Razorpay | REST APIs
GitHub | Live Demo

- Designed and developed a secure fintech platform with 10+ core modules including Fraud Monitoring,secure fund deposits, transaction investigation,Network graph and fraud pattern detection.
- Engineered 15+ REST APIs supporting JWT Authentication,Payment flow ,Balance management and Transaction history with Razorpay integration.
- Built an intelligent fraud detection module to identify suspicious transactions and improve payment security.

## INTERNSHIP/ TRAINING

**CYBERSECURITY WITH GENERATIVE AI** Dec 2025- JAN 2026

Vodafone Idea(VOIS) - Edunet Foundation | Virtual Internship

- Completed training on system security fundamentals,android device security practices.
- Developed a keyboard event monitoring system to track and log keystroke activity.
- Designed and developed a machine learning based intrusion detection system to identify malicious network traffic using python, HuggingFace ,Scikit-learn ,Streamlite ,Groqcloud(Major Project)

**Artificial Intelligence and machine learning Internship** JAN 2026 - FEB 2026

Edunet Foundation | AICTE | IBM SkillsBuild

- Built MindMate – an AI-driven mental health companion using Python, Streamlit, Gemini API, gTTS, and Pandas.
- Implemented real-time emotion detection with multilingual conversational support.
- Developed an interactive AI chatbot interface using Streamlit for mental health assistance.

## COURSES/CERTIFICATIONS

- Introduction to Generative AI Studio - Course Certificate by Simplilearn .
- Power BI for Business Applications – Microsoft Elevate (AICTE) | Data visualization & dashboard development with Microsoft Power BI.
- AI for Sustainability – 1M1B × IBM SkillsBuild | Responsible AI concepts and AI solutions aligned with UN SDGs.

## ACHIEVEMENTS

- LeetCode : 250+ problems solved
- Participant - HackOdisha 5.0 , built a full-stack solution under time-bound challenge .
- Cleared Internal Round - Smart India Hackathon 25 , proposed an innovative solution .