

PRODHOSH V.S

Chennai, Tamil Nadu, India

📞 +91 6382512015 📩 prodhosh3@gmail.com

LinkedIn GitHub Portfolio

PROFILE

Computer Science and Data Science student with proven technical expertise in machine learning and web development. Achieved 87% accuracy in sentiment analysis models, built applications serving 100+ users, and earned multiple industry certifications. Seeking to apply Python, SQL, and analytical skills to drive data-driven solutions.

TECHNICAL SKILLS

Programming	Python, C, C++
Frontend/Backend	HTML, CSS, JavaScript, FastAPI
Data Analysis	NumPy, Pandas, Matplotlib, Seaborn, Excel
Tools	Git, GitHub, VS Code, Jupyter, Spyder

LEADERSHIP & ACTIVITIES

AI/ML Member — Microsoft Innovations Club, VIT Chennai

Oct 2025 - Present

- Contributed to AI/ML projects and workshops, collaborating with peers to explore cutting-edge technologies in artificial intelligence and machine learning.

Technical Team Member — Mathematics Club, VIT Chennai

Sept 2025 - Present

- Built and managed the club's technical infrastructure, including website and online resources, to support events and activities.

PROJECTS

ProdShell — Command-Line Portfolio ([GitHub](#))

- Built a command-line style portfolio that showcases projects and web development skills by designing an interactive terminal interface using HTML, CSS, and JavaScript.
- Enhanced user engagement by adding interactive commands and a minimalist design to allow seamless exploration of projects.

IMDb Sentiment Analysis Engine ([GitHub](#))

- Developed a logistic regression-based sentiment classifier that processed 50,000 IMDb reviews with 87% accuracy by building an end-to-end Python ML pipeline using CountVectorizer, pandas, and scikit-learn.

IITM CGPA Calculator ([GitHub](#))

- Engineered a web-based CGPA calculator that served 200+ IITM BS Data Science students by developing a responsive HTML/CSS/JavaScript interface with real-time grade input and instant CGPA computation.

Quantum Key Distribution Simulation ([GitHub](#))

- Designed a BB84 QKD simulation that demonstrates secure key exchange and real-time eavesdropping detection by developing an end-to-end TypeScript application with dynamic visualizations.

ACHIEVEMENTS

- Completed Python for Data Science with distinction — NPTEL, Sep 2025
- Ranked in Top 10% in Supervised ML: Regression & Classification — DeepLearning.AI, Sep 2025
- Received Certificate of Excellence in AI For Everyone — DeepLearning.AI, Jul 2025

EDUCATION

Vellore Institute of Technology,
Bachelor of Technology in Computer Science and Engineering

Expected Graduation, June 2029

Indian Institute of Technology, Madras,
Bachelor of Science in Data Science and Applications - 9.0/10

Expected Graduation, May 2029