PRODHOSH V.S

Chennai, Tamil Nadu, India

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in LinkedIn   GitHub   Portfolio

EDUCATION

Vellore Institute of Technology, Chennai — Expected June 2029
Bachelor of Technology in Computer Science and Engineering

Indian Institute of Technology, Madras — Expected May 2029
Bachelor of Science in Data Science and Applications — CGPA: 9.0/10

TECHNICAL SKILLS

Programming	Python, C, C++, JavaScript, TypeScript
Web Development	React, Next.js, HTML, CSS, Tailwind CSS.
Data Science & ML	NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn
Databases	MySQL
Tools	Git, GitHub, VS Code, Jupyter

EXPERIENCE

Website Manager — Dec 2025 - Present
Nallamala House, IIT Madras

- Developing and maintaining responsive website using React, Next.js, and Tailwind CSS for 500+ house members
- Collaborating with Web Admin team to implement content management features and optimize site performance

Open Source Contributor — Nov 2025 - Present
Youth Season of Code (Y-SoC)

- Developing Twin Alumni, an open-source networking platform using React and Next.js connecting students, alumni, and faculty
- Building scalable features including user profiles, community feed, job board, and mentorship system for campus networks

PROJECTS

IITM CGPA Calculator (GitHub)

- Developed full-stack web application serving 200+ IITM BS Data Science students with real-time grade computation and responsive UI
- Implemented dynamic calculation algorithms using JavaScript with data validation and persistent storage capabilities

Quantum Key Distribution (BB84) Simulator (GitHub)

- Built end-to-end TypeScript simulation demonstrating quantum cryptography principles with real-time eavesdropping detection
- Designed interactive visualizations showcasing secure key exchange protocols and quantum bit state transitions

LEADERSHIP & ACTIVITIES

Technical Team Member — Mathematics Club, VIT Chennai — Sept 2025 - Present

- Built and maintain club website and technical infrastructure, managing online resources to support 1000+ student community

AI/ML Member — Microsoft Innovations Club, VIT Chennai — Oct 2025 - Present

- Contributing to AI/ML projects and technical workshops, exploring machine learning applications and emerging technologies

Internshala Student Partner — Internshala — Nov 2025 - Present

- Driving campus outreach initiatives and social media campaigns to promote internship opportunities and training programs to 500+ students