

Prem Kumar Gupta

Sohra, Cherrapunji, Meghalaya

Email: pg8231842@gmail.com — +91-7629800431

Github  — LinkedIn  — Portfolio 

Education

National Institute of Technology, Meghalaya

B.Tech in Computer Science & Engineering

Expected May 2026

Don Bosco College (H.S), Meghalaya

Intermediate, Science

Mar 2022

Shri Goudiya Vedanta VidyaPith School, Meghalaya

10th Education

Mar 2019

Experience

Cybersecurity Intern

Meghalaya Police – COPS-TAC 

June – July 2025

- Performed vulnerability assessments and hardened Linux servers.
- Built security solutions, including a browser extension for access control and endpoint monitoring.


Software Development Engineer Intern

Bluestock Fintech 

May – June 2025

- Will contribute to back-end systems, API integration, and cloud-native fintech solutions.

Ethical Hacking & Penetration Testing Intern

C-DAC, Noida 

June – July 2024

- Successfully completed a training program and virtual internship on Ethical Hacking and Penetration Testing under the Cyber Gyan Project.
- Tools Used: Metasploit, Wireshark, Nmap, and Kali Linux.

Projects

Product Recommendation System

Mar 2025

- Developed an AI-driven product recommendation engine using collaborative filtering and user profiling.
- Implemented recommendation logic based on cosine similarity and user preferences.

Health Tracker Web Application

Aug 2025

- Built a responsive health tracking app using React, Redux Toolkit, and TailwindCSS.
- Integrated data visualization, form handling, and animations for an enhanced user experience.

Achievements & Extracurricular Activities

- Flipkart Grid 6.0 (2024) — solved real-world algorithmic and system design problems.
- Active Head of coding clubs and peer programming groups at NIT Meghalaya.
- Technical Fest Achievements: 1st in RoboRumble & Goal Against Time; 2nd in RoboDiction & Drone Racing.

Technical Skills

Programming Languages: C/C++, PHP, JavaScript, Bash, Python, HTML5, CSS

Frameworks & Libraries: React.js, Express.js, Next.js, Bootstrap, jQuery

Databases: MySQL, MongoDB

Tools: Git, GitHub, Node.js

Coursework

DBMS, Data Structures & Algorithms, Machine Learning, Operating Systems, Design & Analysis of Algorithms, Computer Networks