

Piyush Yadav

Kolkata, West Bengal

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Education

Institute of engineering and management

August 2023 - 2027

Bachelor of computer science and engineering

Kolkata, West Bengal, India

Relevant Coursework: Data Structures & Algorithms, Computer Networks, Operating Systems, Cybersecurity, Machine Learning

Technical Skills

- **Programming Languages:** C++, Go, Python, Java, JavaScript, SQL, HTML/CSS
- **Web Technologies & Frameworks:** ReactJS, ExpressJS, Flask, Node.js, Spring Boot, MongoDB, RESTful APIs
- **Cybersecurity & Tools:** Threat Intelligence, Incident Response, Network Security, Zero Trust Architecture, Cloud Security, Penetration Testing
- **Version Control & DevOps:** Git/GitHub, Docker, CI/CD, Kubernetes
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Machine Learning:** Scikit-Learn, TensorFlow, Natural Language Processing

Experience

Alphaxine

March 2025 – Present

SOFTWARE DEVELOPMENT INTERN

kolkata

- Contributed to the **official company website** using **Next.js** and **Tailwind CSS**.
- Built and **implemented timesheet functionality** using PHP Laravel and MySQL.
- Worked on full-stack development, including **UI design and API integration**.

Palo alto networks

August 2024 – September 2024

CYBERSECURITY VIRTUAL INTERNSHIP

Remote

- Applied **advanced threat intelligence tools** to detect and mitigate cybersecurity risks.
- Developed hands-on expertise in **network security, cloud security, and Zero Trust frameworks**.
- Conducted **incident response analysis** and formulated security strategies for enterprise environments.

Projects

Geeta GPT - Bhagavad Gita Based Chatbot

- Built with Gemini API and GenAI to answer user questions in Krishna's voice
- Stack: Next.js, LangChain, Gemini

Smart Legal Assistant - AI Web3 Contract Generator

- Built GenAI tool using LangChain, blockchain APIs to generate and review contracts
- Stack: Python, Next.js, LangChain, Gemini

Finance management website [/JavaScript, NodeJS, ReactJS and Express](#)

- Built a **secure personal finance management platform** with **JWT authentication**.
- Designed **intuitive budget tracking tools, expense management, and interactive visual analytics**.

Certifications & Achievements

- **Google Cybersecurity Certificate (2024)**
- **5-star C++ Programmer** on HackerRank
- **200+ problems solved** on LeetCode, CodeChef, and GeeksforGeeks
- Active **open-source contributor**; participated in **Hacktoberfest, GGSOC, SWOC, DevFest AI**
- Participated in multiple **national hackathons**

