Aaryan Pradhan

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PROFESSIONAL SUMMARY

Results-driven professional with expertise in full-stack development, cybersecurity, and AI/ML. Skilled in MERN stack, TypeScript, Python, and cloud-based solutions, with a strong foundation in problem-solving and competitive programming. Recognized for leadership in hackathons and open-source contributions, delivering scalable and innovative solutions. Actively engaged in technical communities, mentoring, and industry discussions. Strong analytical mindset, adaptability, and commitment to continuous learning.

SKILLS

- **Programming Languages:** Python, JavaScript, TypeScript, C, C++, Java, SQL
- **Web Development:** MERN Stack (MongoDB, Express.js, React.js, Node.js), Next.js, Tailwind CSS, HTML5, CSS
- **Backend & APIs:** REST APIs, GraphQL, Firebase, Supabase
- **Databases:** MySQL, MongoDB, Firebase
- **DevOps Tools:** Git, GitHub, Postman, Vercel
- **Cloud Hosting:** AWS, Netlify, Vercel

EDUCATION

SRM Institute of Science and Technology	B.Tech in Computer Science	CGPA: 9.74
Amity International School, Sector 46, Gurugram	XII (CBSE)	81.00%
Amity International School, Sector 46, Gurugram	X (CBSE)	95.80%

PROJECTS

ClubHouse – Centralized Club and Event Management Platform   github.com/aaryan4985/ClubHouse

- Developed a comprehensive platform to streamline the management of university clubs and events, enhancing collaboration and engagement.
- **Tools Used:** React, TypeScript, Tailwind CSS, Firebase

AttendU – Attendance Management System   github.com/aaryan4985/AttendU

- Created a user-friendly application to automate and simplify attendance tracking for educational institutions.
- **Tools Used:** React, Node.js, Express, Tailwind CSS

Flask Message Saver – Web Application   github.com/aaryan4985/Flask-Message-Saver

- Built a Flask-based web app that allows users to submit, view, and manage messages, demonstrating proficiency in backend development and database integration.
- **Tools Used:** Flask (Python), SQLite, HTML, CSS

Sentiment Analysis Tool   github.com/aaryan4985/sentiment-analysis

- Developed a tool to analyze and determine the sentiment of textual data, showcasing skills in natural language processing and machine learning.
- **Tools Used:** Python, NLTK, scikit-learn

ACHIEVEMENTS

- **B Inventors Hackathon – Winner**
  Developed *ClubHouse*, a centralized platform for managing clubs and events.
  Led a team to build an interactive, user-friendly interface for seamless event management using React, TypeScript, and Firebase.

- **TechNation 2025 – Cyber Security and Global Tech Policy Council (Runner-Up, Representing McAfee)**
  Presented strategic cybersecurity policies and debated on the role of tech giants in global cyber threat management.
  Advocated for AI-driven security solutions and ethical cybersecurity frameworks.

- **Geek Tank 2024 – 3rd Place**
  Developed *AushadhInfo*, an AI-powered health-tech platform providing intelligent medicine recommendations.
  Integrated real-time medicine availability tracking using the MERN stack.

- **LeetCode Competitive Programming**
  Solved over 300 problems, primarily using C++.
  Earned 13 badges, including the 50 Days Badge 2025.
  Advanced skills in dynamic programming (34 problems) and backtracking (17 problems).
  Profile: `https://leetcode.com/u/aaryan4985/`

- **Smart India Hackathon 2024 – Participant**
  Worked on *AushadhInfo*, focusing on AI-driven medicine tracking and alternative recommendations.
  Proposed innovative solutions for pharmaceutical inventory management.

- **GirlScript Summer of Code (GSSoC) 2024 – Contributor**
  Contributed to open-source projects by improving code quality, fixing bugs, and adding new features.
  Gained experience in collaborative development and version control using Git.

CERTIFICATIONS

- **Advanced Data Science: Machine Learning, AI, GUI & VUI with Python**
  Completed a comprehensive course covering advanced data science concepts, including machine learning, artificial intelligence, graphical user interfaces (GUI), and voice user interfaces (VUI) using Python.

- **Introduction to the Internet of Things and Embedded Systems**
  Gained foundational knowledge in IoT and embedded systems, including their components, design considerations, and societal impact.

- **AI For Everyone by Andrew Ng**
  Developed a broad understanding of artificial intelligence, its applications, and implications for society.

CLUBS & ORGANIZATIONS

- **Core Member, Computer Society of India (CSI)**   *2024 – Present*
  Developed and maintained web platforms for CSI events.
  Assisted in organizing coding workshops and hackathons.

- **Core Member, HackHound Club**   *2023 – Present*
  Helped manage hackathons, tech events, and mentorship programs.
  Promoted initiatives in cybersecurity, AI/ML, and web development.

LANGUAGES

English (Proficient) | Hindi (Native)

HOBBIES

Reading | Chess | Exploring Tech Trends | Competitive Programming | Market Research Trends