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Education

PSNA College of Engineering and Technology

Bachelor of Science in Information Technology

Sep. 2023 – 2027

Dindigul, Tamilnadu

Velammal Vidyalaya

Higher Secondary Education (70%)

2022 – 2023

Madurai, Tamilnadu

Nxtwave CCBP 4.0 Academy

Full Stack Web Development Program

2024 – Present

Online

Experience

Python Intern

Feb 2024 – March 2024

upSkill Campus, in partnership with UniConverge Technologies Pvt. Ltd. — Remote

- Gained hands-on experience in Python programming, focusing on backend development and automation tasks.
- Enhanced problem-solving abilities through coding challenges and real-world development scenarios.

Web Development Intern

March 2024 – April 2024

OctaNet Services Pvt. Ltd. — Remote

- Built responsive and dynamic websites using HTML, CSS, and JavaScript during a one-month web development internship.
- Assisted in developing and maintaining web applications, improving user experience through front-end enhancements.

Projects

Build Club Website (PSNA) | React, TypeScript, Firebase (Auth, DB, Hosting)

July 2025

- Developed and deployed the official Build Club website for my college using Cursor AI, ensuring a modern and responsive UI.
- Implemented Firebase Authentication for secure member login and Firebase Realtime Database for dynamic content management.
- Deployed and hosted the application on Firebase, enabling reliable, scalable, and real-time access for users.

MCP Integration Project | Cursor AI, MCP Servers, Pipedream, APIs

June 2024

- Built a multi-service automation system integrating MCP servers with Pipedream workflows.
- Implemented LinkedIn post creation with image upload, Gmail automation for sending emails, and Railway API integration for viewing train details.
- Integrated ElevenLabs API for AI-powered text-to-speech and developed a Learning Path Generator for personalized skill recommendations.
- Enhanced hands-on skills in server integrations, real-time workflows, and API orchestration using modern developer tools.

Smart Student Attendance System | Python, OpenCV, Pyzbar, Tkinter/PyQt, MySQL

May 2024

- Developed a barcode-based attendance system for students, enabling quick and accurate scanning with duplicate detection.
- Designed a user-friendly GUI with real-time database integration in MySQL for secure storage and instant record updates.

CrowdTicket - Movie Booking System | HTML, CSS, JavaScript, MongoDB

Dec 2024

- Developed a fully functional movie ticket booking system with MongoDB integration for seamless data management and scalability.
- Deployed the app on Netlify & Render, gaining hands-on experience in backend APIs, secure environment setup, and real-world deployment.

Certifications

Salesforce Certified Agentforce Specialist – Certified by Salesforce for expertise in CRM workflows, automation, and case management using the Agentforce platform to enhance customer service efficiency.

Mission DSA: 160 Days of Mastery – Completed GeeksforGeeks' 160-day DSA challenge, covering Arrays, Strings, Linked Lists, Trees, Graphs, DP, and Greedy. Strengthened consistency, problem-solving, and algorithmic thinking.

IDE Bootcamp (AICTE–Wadhwani Foundation) – 5-day intensive training on innovation, entrepreneurship, IP, funding, and product development. Gained practical insights into startup building and pitching.

Achievements

2nd Prize – Hack A Cure 2024, VIT Chennai – Built an AI-powered RAG-based medical chatbot in a 24-hour hackathon with 120+ competing teams.

2nd Rank – DSA CodeVerse Contest #8 (NxtWave CCBP 4.0) – National-level data structures and algorithms coding contest.

Technical Skills

Programming Languages: Java, C++, Python

Web Development: Full-Stack Development, Responsive & Dynamic Web Applications

Database Management: MySQL, Oracle SQL, MongoDB

Productivity: Microsoft Office Suite

Development Tools: Cursor AI, Visual Studio Code, GitHub

Design & Analytics: Canva, Power BI

Soft Skills

Communication

Problem-Solving

Team Collaboration

Critical Thinking

Extracurricular

Build Club (IIT Madras Research Park) Core Member

PSNA College of Engineering and Technology

2023 – Present

Dindigul, Tamil Nadu

- Joined as a General Member in 2nd year; promoted to Core Member in 3rd year.
- Organize and manage club events, hackathons, and workshops fostering technical innovation.
- Contribute to Build Club projects spanning both hardware and software domains.

Areas of Interest

Full-Stack Web Development

Data Structures & Algorithms