Pandiyan P

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Education

B.Tech – Information Technology (2022– 2026)
Karpagam Institute of Technology, Coimbatore CGPA 8.51

Experience

Edvedha (Virtual Internship) (Jan-2025)
- Successfully completed a professional training program in **Full Stack Web Development (MERN Stack)** and Gained hands-on experience in **MongoDB, Express.js, React.js, and Node.js**, developing dynamic and responsive web applications.
- Worked on real-world projects, enhancing skills in **API development, database management, authentication, and deployment**.

Zen1 TechPark (Full stack Development),Erode. (Mar-2024)
- Designed and developed scalable web applications using Frontend(React).
- For Backend(Node.js,Express) and Database (MySQL & MongoDB) .
- Collaborated with cross-functional teams to gather requirements, troubleshoot issues, and deliver solutions on time.

Certifications

Java Programming (May 2024)
Spoken Tutorial | IIT Bombay.
- Topics includes Basic java syntax Java collection framework and Basic oops concept
- Proficient in Logical Thinking and Programming in Java.

Python Programming. (Jun 2024)
HackerRank
- Python basic, Control flow, models and DSA concepts.
- Proficient in Programming in Python

Javascript (Aug 2024)
Guvi
- Gained foundational knowledge of **Object-Oriented Programming**, **DOM Manipulation**, and **Control Flow**.
- Proficient in developing **dynamic web applications** with JavaScript.

RDBMS (Nov 2024)
Spoken Tutorial | IIT Bombay.
- Learned the fundamentals of Relational Database Management Systems, including database design, SQL queries, and data manipulation.

Projects

Student – Alumini Portal | AI (2024-2025)
- Developed an AI-powered alumni portal featuring **profile building**, blogging, networking, and event management.
- Implemented **content-based filtering** and **word embedding models** with OAuth and JWT for secure authentication and personalized recommendations.

E-Commerce Application| Full Stack (Mini Project) (2024–2025)
- Developed a **fully functional E-Commerce application** using the MERN stack (**MongoDB, Express.js, React.js, Node.js**), implementing features like **user authentication, product listings, cart management, and secure checkout**.
- Integrated **JWT authentication, payment gateways, and RESTful APIs**, enhancing security and user experience.

Technical Skills	Soft Skills

- Programming | Python ,C++ , Java
- Backend | JavaScript(Node.js)
- Frontend | React.
- Database | Mysql,MongoDB.

* Problem-Solving
* Team Work
* Communication Skill
* Work Ethic

Achievement

- I achieved 2nd place in semester 3 with a CGPA of 8.54. **(2023-2024).**

- Solved **300+ problems** on LeetCode and earned badges for **consistency** in **Python and C++**.

- Participated in Hackathon conducted By Karpagam institute of technology with a focus on BlockChain**(2023-2024).**
- Participated in the Smart India Hackathon (SIH) with a focus on cybersecurity**.(2023-2024).**