Praveen N

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Professional Summary

I'm a dedicated B.E. student in Electrical and Electronics Engineering at Karpagam Institute of Technology, Coimbatore. With a CGPA of 8.25, I maintain a strong academic record while actively pursuing practical knowledge in programming and technology. My journey in technology began with a curiosity to understand how things work and a desire to create innovative solutions. I believe in continuous learning and applying theoretical knowledge to real-world problems.

Skills

- **Languages:** C, Java, Python, Golang, C#
- **Frontend:** React.js, HTML, CSS, JS
- **Backend:** Node.js, Express.js
- **Database:** MySQL
- **Tools:** Git, VS Code, IntelliJ
- **Soft Skills:** Leadership, Teamwork, Problem Solving

Internships

New Technology Institutions, Coimbatore   *Aug 2024*
- Gained hands-on experience in **Machine Learning algorithms**, data preprocessing, and model evaluation using Python libraries like **Scikit-learn** and Pandas.
- Worked on guided projects involving **Artificial Intelligence applications**, including basic Neural Networks and data visualization.
- Learned fundamentals of **AI & ML concepts** and applied them in solving real-world problems through mini-projects.

Lambda Tech Softics, Virudhunagar   *Dec 2024*
- Developed and programmed **microcontroller-based IoT prototypes** using sensors and embedded C.
- Implemented IoT communication and connected devices to cloud platforms for **remote monitoring and control**.
- Gained exposure to **circuit design and embedded hardware integration** for IoT systems.

Projects

Instagram Clone Web Application (React, Node.js, MySQL)
- Built a full-stack social network with authentication, posts, likes, comments, and messaging.
- Developed a **responsive React.js UI** for smooth navigation.
- Implemented **RESTful APIs** with Node.js (Express.js) and a **MySQL database**, secured by JWT.
- Optimized queries for scalability and fast load times.

Education

B.E., Electrical & Electronics Eng., Karpagam Institute of Technology, Coimbatore   Aug 2023 – May 2027
CGPA: 8.25

Certifications

- **C Programming** – Learned strong syntax and problem-solving techniques.   Apr 2023
- **Python Basics** – Python fundamentals, control structures, and modular programming.   Apr 2023
- **Design Thinking** – Essentials & Practitioner   Mar 2024
- **NPTEL** – Data Structures and Algorithms   Oct 2024
- **Nasscom Certification** – Workforce Employability   Apr 2025