Praveen Rajan

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PROFILE SUMMARY

B.Tech Computer Science and Engineering student at St. Joseph's College of Engineering and Technology with hands-on experience in full-stack web development using the MERN stack. Proficient in C, Java, and Python, with a strong interest in emerging technologies including artificial intelligence, machine learning, cloud computing, and ethical hacking. Demonstrates strong problem-solving and critical thinking abilities, along with effective teamwork and coordination skills. Passionate about continuous learning and eager to apply technical knowledge to real-world software development projects while contributing to innovative and scalable solutions.

SKILLS

Technical skills: Full-Stack Development using MERN Stack
Programming Languages: C, Java, Python
Web Technologies: HTML, CSS, JavaScript
Frameworks & Libraries: React.js, Node.js, Express.js, Flutter
Databases: MySQL, MongoDB
Tools & Platforms: GitHub, Power BI, ChatGPT
Soft Skills: Problem-solving, Teamwork, Coordination, Critical Thinking

EDUCATION

Bachelor of Technology in Computer Science and Engineering
St. Joseph's College of Engineering and Technology, Pala
Affiliated to APJ Abdul Kalam Technological University
2022 – 2026
CGPA: 7.52

Higher Secondary Education (Bio Science)
Government Higher Secondary School, Edakkoly
2020 – 2022
Percentage: 95.5%

Secondary Education (ICSE)
Chavara CMI International School, Amanakara
Percentage: 92.6%

PROJECTS

Plantzo – E-Commerce Platform for Decorative Plants
Full-Stack Web Application | MERN Stack

- Developed a full-stack e-commerce platform for selling indoor and outdoor decorative plants, fertilizers, and flower seeds using the MERN stack.
- Integrated an AI-powered chatbot ("Levia") capable of detecting diseases in decorative plants and providing detailed information on symptoms and solutions.
- Implemented user-friendly product browsing, category management, and chatbot interaction to enhance customer experience.
- Focused on scalable architecture and clean UI for seamless navigation and performance.

URL Shortener Web Application
Web Application | HTML, CSS, JavaScript, Node.js

- Built a URL shortening application that converts long URLs into short, user-defined links for easy sharing and access.
- Implemented redirection logic to route users to the original URL when the shortened link is accessed.
- Designed a simple and intuitive interface to manage and access shortened links efficiently.

INTERNSHIP

Python Programming Intern
Keltron Knowledge Centre, Pala
June 2024 – July 2024

- Gained hands-on experience in Python programming, covering core concepts such as control statements, functions, modules, and basic application logic.
- Worked on database connectivity using MySQL, including executing queries and integrating databases with Python applications.
- Developed simple GUI-based programs to understand user interaction and backend integration.

CERTIFICATIONS

- Full Stack Development using MERN Stack
- Google Certified Educator – Level 1
- Gemini University Student Certificate
- Java for Beginners: Your Easy Guide to Java Programming – Infosys Springboard
- Linux for Beginners – Infosys Springboard

ACHIEVEMENTS

- NCC 'B' Certificate Holder; Former National Cadet Corps (NCC) Cadet
- First Prize Winner, Food Hackathon, *NAKSHATRA 2025* – Saintgits College of Engineering, Kottayam (Feb–Mar 2025)