S. K. Pradarshan

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Professional Summary

Computer Science student (8.54 CGPA) skilled in full-stack web development (MERN, Django) and programming (C++, Java, JavaScript). Experienced in building AI-driven applications, web games, and security bots. Seeking a challenging software development role to apply and grow these skills.

Education

- **B.E. in Computer Science and Engineering** | SRM Valliammai Engineering College | **8.54 CGPA** | 2023 - Present
- **Senior Secondary (CBSE)** | DTEA Senior Secondary School | **70.1%** | 2022
- **Secondary (CBSE)** | Tagore Senior Secondary School | **78.8%** | 2020

Projects

- **ArtisanConnectAI:** Architected a full-stack MERN marketplace with secure authentication, an AI recommendation system (TensorFlow.js), and a Gemini API chatbot, projected to increase user engagement by over 20%.
- **Timetable Generator:** Engineered a Django web application to generate conflict-free schedules, managing 10+ constraints and reducing manual scheduling time by an estimated 90% via a user-friendly GUI.
- **MCP Telegram Bot:** Constructed a Python-based security bot to protect users from digital threats by deploying an automated message filtering system with an estimated 95% accuracy in blocking malicious content.
- **Weather Widget:** Developed a responsive weather widget using JavaScript, integrating the OpenWeatherMap API to fetch and display real-time data for cities worldwide.
- **CatchTheSquare Game:** Scripted an interactive web game using vanilla JavaScript, implementing DOM manipulation, a scoring system, and dynamic difficulty to challenge player reflexes.

Technical Skills

Languages: C++, Python, Java, JavaScript
Web Development: React, Redux, Next.js, Node.js, Express.js, Django, Tailwind CSS, Material-UI
Tools & Technologies: Git, VS Code, Linux, Postman, Gemini API, TensorFlow.js

Positions of Responsibility

- **Event Organizer, CodeRIzz Club:** Co-organized 5+ technical events (contests, workshops) for over 200 participants, managing logistics, promotions, and coordination to ensure successful execution.

Achievements

1st Place: TechQuest Coding Contest (2025) | **3rd Place:** BuzzFeed Programming Contest (2024)
Honorable Mention: Model United Nations (MUN) (2025) | **3rd Place:** Data Fury - Power BI (2025)