Pavithra M

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Profile Summary

Full Stack Developer skilled in React.js, Node.js, Java, and REST APIs. Experience building responsive web applications with HTML, CSS, and JavaScript. Seeking an entry-level role to contribute to full-stack projects while expanding expertise.

Technical Skill

- **Programming Languages :** Java, JavaScript, Python
- **Web Technologies :** HTML, CSS, React.js, Node.js, Spring Boot, TailwindCSS
- **Databases :** MySQL, MongoDB
- **Version Control :** Git, GitHub
- **Tools :** IntelliJ IDEA, VS Code, Postman, PyCharm
- **Familiar with** Flask, C programming, Material UI

Projects

- **Employee Management System** [Github]

  Built with **React.js** (50%) for the front-end and **Spring Boot** (40%) for the back-end, using **MySQL** (10%) for the database.
  1. Core Features: employee profiles, payroll, performance tracking, and reporting.
  2. Secure System: Role-based access, authentication, and data protection.
  3. Increased Efficiency: The system improves management processes by 60%, reduces manual work by 70%, and enhances data accuracy by 50%.

- **ShareIn Social Media**

  Built with the MERN stack (MongoDB, Express, React, Node.js) using middleware for security.
  1. Core Functionality: Users can post, comment their thoughts with image-only support.
  2. State Management: Integrated Redux for global state handling across the application.
  3. Secure and Scalable: Using JWT with secure middleware for user access control.
  4. Increased Engagement: Boosts user interaction by 40% through an intuitive interface for sharing and discussing content.

- **ToDo List** (Javascript,CSS) | Github ,**Netflix Frontend Clone** (React.js, TMDB api) | Github , **Weather Forecasting System** (Javascript, Open Weather api) | Github

Experience

Web Developer Intern   Brandwaves, Chennai

- Web Development Intern at Brandwaves, developed a fully functional Employee Management System, improving task efficiency by 30%.
- Optimized front-end performance, reducing load time by 20%, and implemented secure back-end solutions using Spring Boot.

Courses

1. Data Structures and algorithms by Kunal Kushwaha
2. Web Development Boot camp by Colt Steele
3. One day workshop on Machine Learning
4. Student training program on XR nd Gen AI - TNSDC (NM)

Education

B.E , Computer Science and Engineering CGPA : 7.8 (till 6th sem)	[Anna University - Trichy]	2021 - 2025
HSC Percentage : 90.5	[St.Joseph GHSS - Trichy]	2019 - 2021
SSLC Percentage : 91	[Holy Cross GHSS - Trichy]	2019