YUVARAJ E

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Portfolio: https://yuvaraj.infinityfree.me/

Executive Summary

Enthusiastic **Full-Stack Web Developer** with strong skills in front-end and back-end web technologies, specializing in building dynamic, responsive, and scalable web applications. Proficient in **MongoDB, Express.js, React.js, and Node.js.** Demonstrates strong analytical thinking, teamwork, and a commitment to continuous learning. Seeking opportunities to contribute to innovative full-stack development projects that drive user engagement and business growth.

Education

- Master of Computer Applications (**MCA**), SRM Institute of Science and Technology (2025 -2027) CGPA: 8.00
- Bachelor of Computer Applications (**BCA**), St. Joseph's College (2022 – 2025) CGPA: 7.37
- Computer Science (**HSC**), E.R. Higher Secondary School (2020 – 2022) 71%
- **SSLC**, Vasavi Vidhyalaya Matriculation School (2019 – 2020) 73%

Technical Skills

- **Programming:** Python (Basics for AI/ML), Java, C#
- **Frontend:** HTML, CSS, JavaScript, React.js, Bootstrap, Tailwind CSS
- **Backend:** Node.js, Express.js, RESTful APIs, Flask
- **Database:** MongoDB, MySQL
- **Testing:** Jest, Vitest
- **Version Control:** Git, GitHub
- **Other Tools**: VS Code, Three.js, Figma, Docker
- **Soft Skills:** Leadership, Team Collaboration, Communication, Time Management, Resilience

Projects

Personal Portfolio (Self-Developed)

- **Tools:** React.js, Tailwind CSS, Vitest
- Built a portfolio to highlights my skills and experience through modern frontend framework and design.
Code Demo

Clothing Business Web Application (Self-Developed)

- **Tools:** HTML, CSS, JavaScript
- Developed a full-stack e-commerce platform for a clothing business using modern web technologies.
Code Demo

Server Management AI (Team-Developed)

- **Tools:** Prometheus, Grafana, React.js, Flask
- Built a smart server management system that uses AI and machine learning to monitor server resources, predict workload demands, detect anomalies, and recommend automated scaling actions.
Code

Internship Experience

Web Development Intern | FrontierWox Tech Pvt Ltd | Aug 2025 – Feb 2026

- Through this opportunity, I enhanced my frontend, backend, and database management skills by working on real-time projects. I also developed strong interpersonal skills, including time management, decision-making, effective communication, and team collaboration.

Projects:

Portfolio for Faculty

- **Tools**: React.js, CSS, Jest
- To develop a portfolio website that highlights skills and experience using professional and a maintainable design structure.

Code Demo

Website for Devotional Organisation

- **Tools**: HTML, CSS, JavaScript
- Strengthened real-world understanding of modern web development workflows.

Code Demo

Web Application for Portfolio Builder

- **Tools**: React.js, Tailwind CSS, Node.js, MongoDB
- To design and develop a portfolio builder application that allows users to create and customize dynamic portfolios using reusable components.

Data Science Intern | Fantasy Solution | May 2024 – June 2024

- To gain hands-on experience in data science by applying theoretical concepts to real-world datasets, developing practical skills in data analysis, visualization, SQL, and machine learning, while understanding industry-standard workflows and best practices.

Project:

Analysis and Visualization of Performance Data

- **Tools**: NumPy, Pandas, Matplotlib, Tableau, SQL
- To explore and visualize structured datasets to identify patterns, trends, and key insights that support data-driven decision-making.

Certifications

- Completed NPTEL certification course on **Programming with Generative AI**
- Certified in English Typewriting and Dakshin Bharat Hindi Prachar Sabha Exam

Languages

- Tamil: Native
- English: **Fluent**
- **Hindi**: Intermediate