

# YUVARAJ E

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**Portfolio:** <https://yuvaraj.infinityfree.me/>

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## Executive Summary

**Full-Stack Web Developer** specializing in building dynamic and scalable web applications using **MongoDB**, **Express.js**, **React.js**, and **Node.js**. Develop reusable UI components, integrate RESTful APIs, and manage databases to support real-world applications. Actively contribute to team projects, solve technical challenges, and adapt quickly to new tools and frameworks.

## 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) **Percentage: 71%**
- **SSLC**, Vasavi Vidhyalaya Matriculation School (2019 – 2020) **Percentage: 73%**

## Technical Skills

- **Programming:** Python, Java, C#
- **Frontend:** HTML, CSS, JavaScript, React.js, Tailwind CSS, Bootstrap
- **Backend:** Node.js, Express.js, Flask, RESTful APIs
- **Database:** MongoDB, MySQL
- **Testing:** Jest, Vitest
- **Cloud & DevOps:** AWS, Docker
- **Tools:** Git, GitHub, VS Code, Three.js, Figma
- **Soft Skills:** Leadership, Team Collaboration, Communication, Time Management, Resilience

## Projects

### Personal Portfolio (Self-Developed)

- **Tools:** React.js, Tailwind CSS, Vitest
- Design and develop a portfolio to showcase my skills and experience using a modern frontend framework.
- Optimized performance and UI responsiveness.

[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.
- Improved frontend efficiency by optimizing layouts, components, and responsive design.

[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 skills in 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 a professional and maintainable design structure.

[Code](#) [Demo](#)

### Website for Devotional Organisation

- **Tools:** HTML, CSS, JavaScript
- Built a professional website for the organisation that visually enhance the products and services of the organisation using responsive designs

[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