

Joe Rakesh

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PROFILE

Full-stack developer and BCA student, published author of *HTML Fundamentals* (ISBN 978-81-983106-6-8) and founder of JWS Technologies, delivering 7+ client projects. Skilled in building impactful apps and platforms, from AI-powered interview tools to ERP systems, with a focus on usability and real-world application.

SKILLS

- **Programming** *Python, JavaScript (React, Next.js), PHP, HTML, CSS, Tailwind CSS*
- **Databases & Tools** *MySQL, GitHub, Docker, Microsoft Office, ChatGPT, Gemini AI, Vapi AI*
- **Languages** *English (Professional), Tamil (Native)*

PROJECTS

Hostel E-Attendance & Leave Management System (Sacred Heart Hostel, St. Joseph's College)

Next.js, Express, MongoDB

- Built ERP solution for **700+ hostel students** with digital attendance, leave workflows, and AD approvals.

AI Interview – Mock Interview Platform

Next.js, Tailwind CSS, Vapi AI, Gemini AI

- Created AI-powered mock interview tool with voice interaction and personalized feedback for student job preparation.

CGPA Calculator App

React Native & Flutter

- Designed and deployed a cross-platform GPA/CGPA calculator, rebuilt in Flutter for smoother UI and accurate results.

ENGZINE, MERGEN & POOKIE – Digital Publishing Platforms (St. Joseph's College, Trichy)

HTML, CSS, JavaScript, Bootstrap, Firebase

- Developed responsive e-magazine, e-journal, and e-newspaper portals with accessibility features and contributor CMS.

JSN English Learning – TRB Preparation Platform

React.js, Tailwind CSS, Supabase, Razorpay

- Developed an educational platform with TRB-focused study material, tests, and coaching resources.
- Implemented Razorpay integration, SEO optimization, and responsive design.
- Built an admin dashboard with user authentication and role-based content access.

ENTREPRENEURSHIP

Founder – JWS Technologies

Jan 2025 – Present

- Founded freelance web development startup delivering 7+ projects (e-magazines, e-journals, business websites).
- Built JSN English Learning (₹20,000 paid project) – an educational platform for TRB aspirants with online payments, admin dashboard, and role-based access.
- Managed end-to-end lifecycle: client interaction → design → development → deployment.

ACHIEVEMENTS

Winner – Regional Level Hackathon - WEBSPRINT (2025) (St. Joseph’s College, Trichy)

- Built a cooking recipe website in **6 hours** using HTML, CSS, PHP, and MySQL.

PUBLICATIONS

HTML Fundamentals: A Beginner’s Guide to Web Structure

ISBN: 978-81-983106-6-8, Akilan Printing House, Apr 2025

- Co-authored with Dr. A. Bhuvaneshwari. A beginner-friendly book on HTML and web structure fundamentals.

CONFERENCES & SEMINARS

International Seminar on Recent Trends in Information Technology: An Industry Perspective

St. Joseph’s College, Trichy – Feb 2025

- Attended and engaged with industry experts on emerging technologies, innovations, and IT trends.

EDUCATION

St. Joseph’s College <i>Bachelor of Computer Application</i>	<i>Tiruchirappalli</i> 06/2023 – Present
Adaikala Annai Higher Secondary School <i>HSC - TNSB</i>	<i>Viriyur, Kallakurichi</i> 2023
Government High School <i>SSLC - TNSB</i>	<i>Palayanur, Kallakurichi</i> 2021

CERTIFICATIONS

- **Career Essentials in Generative AI** – Microsoft & LinkedIn (2025)
- **Career Essentials in GitHub Professional Certificate** – GitHub (2025)
- **Learning Docker** – LinkedIn (2025)