DIXUN DEVOTTA S

Aspiring Full Stack Web Developer | B.E. Electronics and Communication Engineering Student

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PROTFOLIO | GITHUB

PROFILE

Motivated B.E. Electronics and Communication Engineering student and certified Full Stack Web Developer. Skilled in creating responsive websites using modern technologies. A passionate communicator and confident presenter with strong public speaking and teamwork abilities, eager to apply both technical and soft skills in real-world projects.

EDUCATION

B.E. Electronics and Communication Engineering

Saveetha Engineering College, Chennai (2024 - 2028)

SKILLS

HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, C, Python, Git.

PROJECTS

- **Blockchain Router -** Built a decentralized router system to securely transfer data and prevent network manipulation. Implemented backend APIs, authentication, and blockchain-based verification
  Tech: React, Node.js, Express, MongoDB, Blockchain
  Live: https://defi-router-website-demo.netlify.app/
- **Smart Waste Management System** – An AI-based smart waste segregation system that uses computer vision, deep learning, and Arduino-controlled hardware to automatically classify and segregate waste in real time.
  Tech: Node.js, Express, MongoDB, Arduino, IoT
  GitHub: https://github.com/DixDev1621/waste_project-(Local Server | Hardware-Based System)
- **Water Tracking Web Application**: Developed a water intake tracking website that enables users to efficiently monitor and manage daily drinking water consumption.
  Tech: React.js, TypeScript, Tailwind CSS, Supabase, Vite
  Live: https://starlit-gecko-9af8d7.netlify.app/

CERTIFICATIONS & ACHIEVEMENTS

- Smart India Hackathon 2025 – Winner – National-level winner for designing and implementing a hardware solution (Fog Magnet) for renewable fog-to-water conversion.
- Published IEEE Paper: "Energy Efficient Hybrid Buoy" – Presented and published a research paper focusing on sustainable ocean energy harvesting using hybrid buoy design.
- Served as School Pupil Leader, where I developed strong leadership and public speaking skills.
- Active member of the Literary Club at Saveetha Engineering College, enhancing creativity and communication abilities.

EXTRA-CURRICULAR ACTIVITIES

- 1st Place – Debate Competition "Debad Saga", Sai Ram Engineering College (Gridex 8.0)
- 3rd Place – App Expo on theme "Crypto (Blockchain & DeFi)"
- Full Stack Web Development – 6-Month Course Completion, GUVI
- IEEE Paper Publication – "Energy Efficient Hybrid Buoy", DELCON 2025 IEEE Conference