

SHERWIN EMMANUEL RODRIGUEZ P

SOFTWARE ENGINEER

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 [SherwinRodriguez](#)

 8870988255

PROFESSIONAL SUMMARY

Motivated and enthusiastic pre-final year Computer Science Engineering student with a strong foundation in software development and programming concepts. Passionate about building scalable and efficient applications, learning new technologies, and solving real-world problems through code. Actively seeking a Software Engineer internship to gain hands-on experience, grow as a developer, and contribute effectively to a fast-paced engineering team.

WORK EXPERIENCE

ROLE: FRONTEND INTERN

Sathi Systems Pvt Ltd | June – July 2025

- Worked on Project NOVA to migrate frontend from JSP/Struts to React.
- Built responsive React components and ensured smooth integration.
- Gained hands-on experience in a service-based development environment.
- Tech stack: React.js, JSP, Struts, Java, Git

PROJECTS

Sound Energy Micro Grid – Energy + Blockchain Project | 2024

Sensors · Microgrid · Blockchain

- Designed a system to convert ambient sound energy into electricity using embedded sensors.
- Stored generated power in a microgrid and used blockchain for secure energy transactions.
- Enabled users to track, buy, and sell energy units transparently through a decentralized ledger.

SER-AI – AI-Powered Web Application | 2025

Next.js · Node.js · MongoDB · Clerk (Auth) · GROQ API

- Developed a full-stack AI web app that allows users to interact with advanced language models via a clean, responsive UI.
- Implemented authentication using Clerk, enabling secure user sign-up, login, and session handling.
- Integrated GROQ API to handle natural language queries and generate dynamic AI responses.
- Managed state and data flow in Next.js, and built a scalable backend with Node.js and MongoDB.

EDUCATION

BE Computer Science and Engineering | 2023-2027

Loyola ICAM College Of Engineering and Technology

- Cumulative GPA: 8.17
- Chennai

Higher Secondary Certificate | 2021-2023

Bell Matriculation Higher Secondary School

- Percentage: 94.88%
- Tirunelveli

SKILLS

- Java
 - C
 - Python
 - HTML/CSS
 - JavaScript
- React
 - Node.Js
 - Version Control
 - Solidity
 - SQL

LEADERSHIP & ACHIEVEMENTS

- Sergeant-at-Arms, Rotaract Club of LICET (2024–2025)
- Ensured discipline and smooth conduct of club events.
- Sports Captain, CSE Department, LICET (2023–2025)
- Led sports teams and organized inter-department tournaments.

CERTIFICATION

- Fundamentals of Java – Oracle, 2024
- SQL / PL/SQL – Oracle, 2025
- Full-Stack Web Development – Udemy, 2025