

SHARON PONSILY C

Entry-Level Software Developer | Full Stack | Java · JavaScript · React Native

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portfolio: <https://csharon27.github.io/Portfolio/>

PROFESSIONAL SUMMARY

Motivated and detail-oriented Computer Science graduate (B.E., CGPA 8.23) with hands-on full-stack development experience across 4 internships. Proficient in Java, JavaScript, HTML/CSS, Node.js, and React Native. Skilled in building responsive web and mobile applications, integrating REST APIs, designing relational databases, and creating user-centric UI/UX prototypes in Figma. Strong foundation in OOP, data structures, and agile collaboration. Eager to contribute clean, maintainable code and grow within a product-focused engineering team.

TECHNICAL SKILLS

Languages	Java, JavaScript, Python (Basics), SQL, JSON
Frontend	HTML5, CSS3, React Native, Responsive Design, UI/UX Prototyping
Backend	Node.js, REST API Design & Integration, MVC Architecture
Databases	MySQL, SQL — schema design, queries, data handling
Concepts	OOP, Data Structures, DBMS, SDLC, Agile, Problem Solving
Tools	Git, GitHub, Figma, VS Code, Arduino IDE

EXPERIENCE

Full Stack Java Development Intern · DVein Innovations | Aug 2025 – Sep 2025 | Chennai

- Developed and deployed backend modules in Java, implementing business logic and integrating REST APIs to power core application features.
- Debugged and resolved critical issues across the stack, improving system performance, reliability, and response times.
- Collaborated with cross-functional team members during development, code review, and QA testing cycles following agile workflows.
- Applied MVC architecture principles and Git version control to maintain a clean, modular, and reviewable codebase.

Full Stack Development Intern · NoviTech Pvt Ltd | Oct 2024 – Nov 2024 | Virtual

- Built and enhanced web application features using HTML, CSS, JavaScript, and Node.js, ensuring responsive and cross-browser-compatible UI.
- Managed database operations including schema design, CRUD queries, and data flow optimization across application modules.
- Integrated third-party REST APIs to extend application functionality; tested and fixed bugs to improve overall application stability.

Web Development Intern · Grantley Edutech | Sep 2024 – Nov 2024 | Virtual

- Developed responsive, accessible web pages using HTML5, CSS3, and JavaScript, resolving UI inconsistencies across devices and browsers.
- Ensured cross-browser compatibility and smooth performance; implemented deployment best practices for production releases.

UI/UX Design Intern · CodSoft | Aug 2024 – Sep 2024 | Virtual

- Designed high-fidelity web and mobile UI prototypes in Figma for 2+ projects, applying user-centered design principles and component-based systems.

- Built structured user flows and interactive wireframes that streamlined the design-to-development handoff process.

PROJECTS

Scholar Link Hub — Scholarship Platform with Chatbot · Web Technologies · Node.js

- Engineered a full-stack platform connecting students and donors based on real-time geolocation, supporting scholarship discovery and career guidance.
- Integrated an AI-powered chatbot to handle user queries, provide personalized recommendations, and automate Q&A workflows.
- Designed and exposed RESTful API endpoints for user authentication, profile matching, and data retrieval; managed MySQL database operations.

Weather Crop Prediction App · React Native · Node.js · OpenWeatherMap API

- Built a cross-platform mobile application in React Native providing farmers with real-time weather data and AI-driven planting recommendations.
- Integrated the OpenWeatherMap REST API for live forecasts; implemented offline pre-trained models for low-connectivity environments.
- Handled accurate environmental data processing and reliable output validation to ensure correct recommendations under varying conditions.

VR Navigation Assistant · Arduino IDE · C++ · Ultrasonic Sensors

- Engineered a smart assistive navigation device for visually impaired users using Arduino microcontrollers and ultrasonic sensor arrays.
- Implemented software debounce logic in C++ to eliminate false-positive triggers, improving system accuracy and reducing error rate significantly.

Food Ordering & E-Commerce UI/UX Prototype · Figma · HTML · CSS · JavaScript

- Designed end-to-end responsive prototypes for a food ordering and e-commerce platform, covering web and mobile breakpoints.
- Applied WCAG accessibility guidelines, consistent design tokens, and user-centered workflows to create an intuitive, production-ready UI.

EDUCATION

B.E. — Computer Science and Engineering · Anand Institute of Higher Technology | 2022 – 2026

CGPA: 8.23 / 10.0

CERTIFICATIONS & ACHIEVEMENTS

- Intro to Generative AI — Google Cloud: Fundamentals of generative models, LLMs, and responsible AI development.
- Prompt Engineering Basics — IBM: Techniques for effective prompt design for LLM-powered applications.
- UI/UX Bootcamp — Revamp Academy (Oct 2024): Advanced prototyping, design systems, and Figma workflows.
- AI & Data Science Masterclass — NoviTech Pvt Ltd (Nov 2024): Machine learning fundamentals and data analysis workflows.
- Generative AI Learnathon — SAWIT.AI (Sep 2024): Applied generative AI research and development workshops.
- 1st Prize, Video Editing — Smart India Hackathon 2023: Recognized for technical and creative excellence at a national competition.
- Technical Symposium Lead — Organized and led a 3-day college symposium, demonstrating project management and team leadership.