

SNEHA R

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[LinkedIn](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Aspiring full stack developer with strong Java and MongoDB skills. Experienced in building console and database-driven applications. Familiar with full-stack basics, Git/GitHub, and UI/UX design using Figma. Motivated learner with strong problem-solving skills.

EDUCATION

B.E. Computer Science and Engineering – PSNA College of Engineering and Technology, Dindigul (2024–2028) | CGPA: 8.68

12th Grade – St Michael Matriculation Higher Secondary School, Madurai | Score: 91.5% | May 2024

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, C, C++

Web Technologies: HTML5, CSS3, Bootstrap5

Databases: MongoDB, MySQL

UI/UX Tools: Figma, Wireframing, Prototyping

AI & ML: Artificial Intelligence Basics, Machine Learning Basics

INTERNSHIP

Python Developer Intern – LIVEWIRE Solutions

Project: Developed python based **chatbot** using TKinter.

PROJECT EXPERIENCE

Full Stack Development Projects

- **COSMO – Chatbot Assistant** | HTML, CSS, JavaScript, MongoDB, API Integration – Built a full stack chatbot with real-time conversation and backend integration.
- **Fruit Store Webpage** – Responsive | HTML, CSS, JavaScript, Bootstrap – Created a frontend fruit store website highlighting web design and frontend development capabilities, available on GitHub.

Java Project

- Built a Java JDBC-based hospital management system for managing patients, doctors, appointments, and billing using MongoDB.

UI / UX Design Projects

- UI/UX Designs (Figma) | Figma, Wireframing, Prototyping – Created interactive web interfaces focusing on usability and modern design standards.
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HACKATHONS & WORKSHOPS

- **SMART INDIA HACKATHON – PSNACET: Disaster Response Drone,** conceptualized a drone to improve emergency response and situational awareness.
 - **HACK THE FUTURE WORKSHOP – WICYS Club, PSNACET:** Learned to design and implement AI agents for personal and practical applications, focusing on intelligent behavior and problem-solving.
 - **IDEATHON – TAMIZHAN SKILLS:** Proposed innovative solutions in the fields of Healthcare & Wellbeing and Sustainable Technology, focusing on practical impact and scalability.
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ACTIVITIES & ACHIEVEMENTS

- Consistently solving LeetCode problems to enhance algorithmic thinking.
 - Active member of **WICYS Club**, contributing to technical workshops and team projects.
 - Active member of **IEEE Association**.
 - Participated in ideathons and team-based projects, demonstrating collaboration and leadership.
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CERTIFICATIONS

- **AWS Generative AI Certificate** – Amazon Web Services (AWS)
- **MongoDB Certification** – MongoDB (Database & NoSQL Fundamentals)
- **CSE INSTITUTION Certification** – C, C++, Python