

ASWIN SENTHILKUMAR

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Professional Summary

Aspiring Java Full Stack Developer pursuing B.E. in Computer Science and Engineering, with hands-on experience in Java, Spring Boot, RESTful APIs, and database-driven applications. Passionate about backend development and building scalable, real-world systems. Seeking internship opportunities to apply my skills, contribute to production-ready projects, and grow as a backend-focused full stack developer.

Education

M. Kumarasamy College of Engineering, Karur
B.E. Computer Science and Engineering

Tamilnadu , India
2023 - Present

Experience

Technology Innovation Hub (TIH), M. Kumarasamy College of Engineering - Student Software Developer

Aug 2025 - Present

- Contributing to institution-level software systems under the Technology Innovation Hub.
 - Designed and developed a Discipline Management System using PHP, JavaScript, and MySQL.
 - Implemented backend logic, database schema, and role-based access for faculty and administrators.
 - Project planned for integration with the college ERP, supporting real-world institutional workflows.
- Tech: PHP, JavaScript, MySQL, XAMPP

SeaKnots IT Solutions Pvt. Ltd. - Software Development Intern

Jul 2025 - Aug 2025

- Worked on backend components in an enterprise environment.
- Assisted in developing and maintaining Windows Services using C# and .NET.
- Gained exposure to Microsoft Azure and basic cloud deployment workflows.

Projects

EKART - E-Commerce Backend Application (Ongoing)

Ongoing

Skills: Java, Spring Boot, Spring Data JPA, MySQL, REST APIs

- Developing a real-world e-commerce backend application using Spring Boot, implementing core modules such as product management, cart handling, and order processing. Designing RESTful APIs following layered architecture (Controller, Service, Repository) and using Spring Data JPA for ORM, entity relationships, and database persistence, with a focus on scalable backend design and real-world business workflows.

Spring Boot Full Stack Web Application

Dec 2025

Skills: Java, Spring Boot, HTML, CSS, JavaScript, SQL

- Built a full-stack web application with a Spring Boot backend and frontend integration, developing REST endpoints to handle client requests and return dynamic data. Connected frontend components to backend APIs using HTTP request-response flow, demonstrating end-to-end data flow from database to user interface.

Spring Boot Data JPA - Backend CRUD Application

Nov 2025

Skills: Java, Spring Boot, Spring Data JPA, MySQL

- Developed a backend application implementing CRUD operations using Spring Data JPA, configuring database connectivity and JPA properties for persistent storage. Created entity models and repository interfaces following Spring conventions, demonstrating a strong understanding of ORM concepts and backend application structure.

Skills

Java, PHP, JavaScript, Spring Boot, HTML, CSS, MySQL, Git, Bootstrap, GitHub, Maven, REST APIs, Postman

ADDITIONAL INFORMATION

- Strong foundation in backend application design, REST API development, and database integration, with experience contributing to real-world and institution-level applications. Comfortable with Git-based collaborative workflows and teamwork-driven development environments. Languages: Tamil, English | Area of Interest: Backend & Java Full Stack Development