

SHRIKAVIN B

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EDUCATION

SRM University

Bachelor of Technology in Computer Science and Engineering

GPA: 3.8/4

Tamil Nadu, India

Expected 2026

EXPERIENCE

Full Stack Web Development Intern

Jan 2025 – Feb 2025

Zer01

India, TN

- Built a feature-rich blog platform using the MERN stack, incorporating **5+** essential functionalities, including authentication, CRUD operations, and media uploads.
- Integrated Cloudinary for seamless image storage and management, efficiently handling **150+** user-uploaded images for profiles and posts.
- Enhanced API efficiency by debugging and optimizing responses, leading to a **30%** reduction in load time, ensuring a smoother user experience.

PROJECTS

SKFLIX - Movie Recommendation System

[Link](#)

- Developed a **movie recommendation system** using **HTML, CSS, and JavaScript** for the frontend and **Java with Spring Boot** for the backend, implementing **8+ core features**.
- Integrated **MySQL** to manage **50,000+ movie records**, optimizing **query performance** for faster recommendations.
- Implemented **search, genre-based filtering, and user ratings**, improving user engagement by **40%**.
- Designed a **responsive UI**, ensuring smooth performance across **10+ device types**, enhancing accessibility and user experience.

LocalLang.Codes - AI-Powered Vernacular Coding Platform

[Link](#)

- Developed an **AI-powered platform** enabling users to create websites, apps, and AI models in Indian languages (e.g., Tamil, Hindi) using **HTML, CSS, JavaScript** for the frontend and **APIs** (Sarvam.ai, Gemini) for backend functionality.
- Integrated **Sarvam.ai API** for real-time native-to-English translation and **Gemini API** for instant code generation, supporting **5+ Indian languages**.
- Implemented a **three-phase IDE** (Translation, Code Generation, Deployment) with features like code download and PDF export using **jsPDF**, improving user accessibility by **50%**.
- Designed a **responsive, modern UI** with smooth scrolling and animations, ensuring compatibility across **10+ device types** for an enhanced user experience.

Automated Accident Detection and Reporting System (Hardware)

- Designed and built a real-time **vehicle accident detection system** using **Arduino Uno, GPS, and GSM modules**, reducing average emergency response time by **5 minutes**.
- Automated alert system for contacting the nearest hospital, resulting in an estimated **15% improvement** in timely medical response for accident victims.
- Aligned with **SDG-3 (Good Health and Well-being)** by enhancing **emergency care** and promoting road safety.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS

Frameworks: React, Node.js, Flask, WordPress, FastAPI

Developer Tools: Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries: pandas, NumPy, Matplotlib

PUBLICATIONS

Shri Kavın B, Clement Antony K. Automated Accident Detection and Reporting System with GPS and GSM Integration. Published in the Institute of Electrical and Electronics Engineers(IEEE) Conference at Symbiosis International University. Available at: [IEEE](#) [DOI: 10.1109/ICTBIG64922.2024.10911216].

CERTIFICATIONS

AWS Academy Graduate – AWS Academy Cloud Foundations <ul style="list-style-type: none">• Learned cloud concepts, core AWS services, security, architecture, pricing, and support fundamentals.	Jan 2025
ServiceNow Administration Fundamentals – ServiceNow <ul style="list-style-type: none">• Completed admin training to manage users, data, and workflows using the ServiceNow platform.	Jan 2025
Automating Real-World Tasks with Python – Coursera (Google) <ul style="list-style-type: none">• Built Python scripts to automate tasks involving files, web scraping, and data processing.	Dec 2023
Crash Course on Python – Coursera (Google) <ul style="list-style-type: none">• Covered Python basics, including syntax, functions, loops, and data types.	Dec 2023
Introduction to Java and OOP – Coursera (University of Pennsylvania) <ul style="list-style-type: none">• Explored object-oriented concepts like classes, inheritance, and polymorphism using Java.	Dec 2023
Database Structures and Management with MySQL – Coursera (Meta) <ul style="list-style-type: none">• Learned to design relational schemas and write optimized queries using MySQL.	Mar 2024