

JAI SURYA RM

Chennai, India • +91 7904218005 • _jaisuryarm@gmail.com

<https://www.linkedin.com/in/jaisurya-rm/> • <https://github.com/Jaisurya1github> • <https://leetcode.com/u/jaisuryarm/>

EXECUTIVE SUMMARY

Full-stack Software Engineer with strong **backend** development skills and a focus on writing clean, scalable, and testable code. Proficient in **Python, JS, Nodejs, Reactjs**, MongoDB, and **Tailwind**, with hands-on experience delivering end-to-end features in real-world projects and internships. Skilled in **DataStructures, algorithms**, and Python-based **ML** models like clustering and **ComputerVision**. Comfortable working across the stack, exploring data-driven features, collaborating with teams, and shipping reliable products that continuously improve..

WORK EXPERIENCE

Software Engineer Intern – Springer Capital

May 2025 – Present

- Reduced environment-specific issues by **40%** through **Dockerization**.
- Automated server** backups maintain 99.9% uptime.
- Configured DNS to ensure efficient web deployment across environments
- Designed databases to store application data using **MongoDB**.

Web Developer Intern – Al-Noof, Doha, Qatar

March 2024 – June 2024

- Built backend services using **Node.js**, Express, and **SQL**, focusing on modular, testable code
- Designed and refactored **MongoDB** schemas to reduce **data redundancy** and improve access efficiency
- Boosted **UI** responsiveness by **40%** by streamlining frontend(**React**)-to-backend communication.

EDUCATION

B.Tech – Computer Science and Engineering

BSA Crescent Institute of Science and Technology, Chennai | CGPA: **8.15** (Till VI Sem) | **June 2022 - 2026**

High School(XII) – Science

Dr. Nalli Kuppuswami Vivekananda Vidyalaya Junior College, Chennai | **91%**(PCM) | **May 2016 - 2022**

PROJECTS

Jobify – Scalable Hiring & Job Search Portal: <https://jobify-frontend-weld.vercel.app>

- Built a **Full-stack** job portal using **MERN** stack with **role-based access**, **JWT** authentication, and **Firebase Auth**. Integrated job posting, application tracking, and user profiles in a responsive UI. Deployed on **Vercel** and **Railway** with seamless **CI/CD** for real-time updates.

Similarity-Based Content Recommender: <https://movie-recommender-bga6tqyos8jduptjkfg4wz.streamlit.app>

- Developed an intelligent **movie recommendation engine** using **Python** and **Streamlit** for a responsive, interactive interface. Implemented both collaborative **filtering** and **contentbased filtering** to deliver personalized suggestions. Applied **data preprocessing**, computed cosine similarity on **large-scale datasets**, and built a **real-time recommendation system** with a clean UI. Achieved over 90% user satisfaction based on **usability testing** and **relevance of suggestions**.

SKILLS & ACHIEVEMENTS

- Languages:** **Python** (proficient), **C++** (proficient), JavaScript
- Frontend:** Tailwind CSS, **React.js** (proficient), **HTML5/CSS3**, UI
- Backend:** Express.js, **Node.js**, REST APIs, PostgreSQL
- Databases:** Firebase, **MongoDB**, MySQL
- AI/ML:** OpenCV, AI algorithms, **DSA**
- Tools & Platforms:** Git, **GitHub**, **Postman**, Vercel, **AWS**, VS Code
- Practices:** Agile/Scrum, Unit Testing, **CI/CD**, System Design, **SDLC**, Problem Solving.
- Spoken Languages:** Tamil, English (Proficient), Hindi, Sourashtra
- Solved **100+** problems on **LeetCode** (Data Structures & Algorithms)
- C++ **Gold Rank** Holder on **HackerRank**
- Deloitte Australia** Technology Job Simulation on Forage - July 2025
- Completed a job simulation involving **development** and **coding**