



AKASH K *Software Developer*

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🎓 EDUCATION

MEPCO Schlenk Engineering College, Sivakasi, Bachelor of Computer science and Engineering
2023 – 2027
CGPA : 8.00

M.N.U Jayaraj Nadar Higher Secondary School, Madurai, HSC
2023
Percentage : 89.93%

🧠 TECH SKILLS

Java, C
Data Structures
SQL
HTML, CSS, JS
Go, Julia(basics)
Tools: Github

🔑 AREAS OF INTEREST

Software Engineering & Devops
Cyber Security
Full stack development

🧠 SOFTSKILLS

- Time Management
- Adaptability
- Team Work

🌐 LANGUAGES

English
Tamil

Computer Science and Engineering student with a CGPA of 8.00, specializing in full-stack development, DevOps, and cyber security. Experienced in building secure, scalable applications using JavaScript, SQL, and modern web technologies. Proven track record through projects like FlowSec (encrypted messaging app) and Net Run Rate Predictor (cricket analytics platform). Oracle and Infosys certified, with strong problem-solving abilities.

📁 PROJECTS

FlowSec, 2025

Developed a full-stack end-to-end encrypted messaging application using vanilla JavaScript, Supabase, and Web Crypto API. Implemented client-side AES-GCM encryption for secure communication, passwordless OTP-based authentication, and real-time message delivery. Integrated VirusTotal API for automated malware scanning of file uploads and designed a multi-account management system, deployed on GitHub Pages with Supabase PostgreSQL backend and Edge Functions for encryption/decryption operations, app live at [github.com](#) 🔗

Net Run Rate Predictor, 2026

Developed a full-featured cricket analytics web application that calculates ICC-compliant Net Run Rate and predicts tournament qualification scenarios. Implements advanced algorithms for batting and bowling mode predictions, helping teams strategize exact margins needed to qualify for playoffs. Features include cumulative NRR tracking, same-opponent projection logic, ICC all-out rule implementation, and responsive design. Built with vanilla JavaScript, deployed on GitHub Pages, app live at [github.com](#) 🔗

📜 CERTIFICATION

Completed Oracle Certified Foundations Associate (Oracle Data Platform Foundations, 2025) •

Completed Infosys Springboard course on Associate in IT Foundation Skills (Java) • IEEE certification in English for technical professionals. •

Completed Introduction to CISCO Network Security course. •

completed MongoDB course on CRUD operations and secure MongoDB self-Managed: AuthN and AuthZ

🏆 AWARDS

Management Scholarship,
Mepco Schlenk Engineering college 2024&2025

CashPrice (Rs.3000),
Aerospace coding challenge ,Texperia 2025, SNS college of technology