



# 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](https://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](https://github.com)

## \_DIP 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