

Chandramohan S

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EXECUTIVE SUMMARY

Detail-oriented and proactive intern in the fields of Information Technology and Mechanical Engineering, with a solid foundation in software development, cybersecurity, and web development. Proven ability to apply technical knowledge to real-world projects, complemented by strong communication and leadership skills. Passionate about leveraging technology to solve problems and enhance user experiences.

EDUCATION

- **Saveetha Engineering College** Chennai, IN
Bachelor of Technology, Information Technology Expected Jun 2025
 - Relevant Coursework: Software Development, Cybersecurity, Data Structures, Database Management
- **Panimalar Polytechnic College** Chennai, IN
Diploma in Mechanical Engineering Apr 2022

TECHNICAL SKILLS

- **Languages:** Python (Beginner), C (Basic), Java (Basic)
- **AI & ML:** AI Agents, AI Tools (N8N), Machine Learning (Scikit-learn)
- **Tools & DevOps:** Git, GitHub, Jenkins, GitHub Actions
- **Platforms & Cloud:** AWS, CI/CD Pipelines
- **Concepts & Other:** Cybersecurity, UI Design (Figma), RFID-based Systems

EXPERIENCE

- **Intern - Security Analyst** Feb 2025 – Mar 2025
Trios Technologies Chennai, IN
 - Conducted security assessments, vulnerability analysis, and risk mitigation strategies.
 - Monitored and analyzed threats, implementing preventive measures to protect data.
 - Assisted in developing cybersecurity policies and compliance frameworks.
- **Intern - Web Developer** Feb 2023 – Mar 2023
Fabhost Chennai, IN
 - Developed and optimized responsive web applications ensuring seamless UX.
 - Worked with front-end and back-end technologies to build dynamic solutions.
 - Enhanced website functionality, fixed bugs, and added new features.
- **Intern - Support System Analyst** Mar 2022 – Apr 2022
Panasonic Chennai, IN
 - Assisted in developing and executing support system test programs.
 - Analyzed test results, identified system bottlenecks, and optimized workflows.
 - Improved system stability and resolved technical issues.

PROJECTS

- **Cyber Threat Intelligence Platform**
Flask, MongoDB, HTML/CSS/JS, REST APIs
 - Developed a platform to collect, analyze, and visualize real-time cyber threat data.
 - Implemented threat categorization, IP/domain reputation analysis, and reporting.
 - Secured platform with authentication and RBAC.
- **AI Personal Scheduling Agent**
N8N, AI Agents, Google Calendar API
 - Built an AI agent to manage personal schedules and appointments.
 - Integrated Google Calendar API for automated notifications.
- **AI-Powered WhatsApp Automation**
N8N, AI Agents, WhatsApp API
 - Developed an AI agent to automate WhatsApp conversations and workflows.
- **CI/CD Pipeline Using AWS**
AWS (CodePipeline, CodeBuild), IAM, CloudWatch
 - Implemented a fully automated CI/CD pipeline using AWS services.

- Enhanced monitoring and security with IAM roles and CloudWatch.

- **Loan Status Prediction Using ML**

- *Python, Scikit-learn, Pandas, Tkinter*

- Compared SVM and Random Forest models achieving 80.66% accuracy.
- Built a Tkinter GUI for real-time predictions.

- **Game Matching System using Priority Queues**

- *Python, Data Structures*

- Designed a matchmaking system pairing players by skill using priority queues.

- **LRU Cache Implementation**

- *Python, Data Structures*

- Built a Least Recently Used (LRU) cache using hash maps and linked lists.

- **Vehicle Ignition System Using RFID**

- *Embedded C, IoT, Microcontrollers*

- Developed a secure vehicle ignition system integrating IoT devices.

- **Tic-Tac-Toe Web Game**

- *HTML, CSS, JavaScript*

- Designed a simple web-based Tic-Tac-Toe game using HTML, CSS, and JavaScript.

CERTIFICATIONS

- AWS Cloud Practitioner – AWS Academy
- Cybersecurity Analyst Job Simulation – TATA
- Data Analytics and Visualization Job Simulation – Accenture
- Corporate Analyst Development Program – JP Morgan
- Immersive Technology Workshop – GeeksforGeeks
- Project Tracker Management System – Coursera