

# Chandramohan S

7358614048

chandramohan030513@gmail.com

chandra-mohan-s-aa57a226a

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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

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|--|----------------------------------|
| • <b>Saveetha Engineering College</b><br><i>Bachelor of Technology, Information Technology</i>   | Chennai, IN<br>Expected Jun 2025 |
| – Relevant Coursework: Software Development, Cybersecurity, Data Structures, Database Management |                                  |
| • <b>Panimalar Polytechnic College</b><br><i>Diploma in Mechanical Engineering</i>               | Chennai, IN<br>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

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|---|------------------------------------|
| • <b>Intern - Security Analyst</b><br><i>Trios Technologies</i>                           | Feb 2025 – Mar 2025<br>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.                |                                    |
| • <b>Intern - Web Developer</b><br><i>Fabhost</i>   | Feb 2023 – Mar 2023<br>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.                     |                                    |
| • <b>Intern - Support System Analyst</b><br><i>Panasonic</i>                              | Mar 2022 – Apr 2022<br>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

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| • <b>Cyber Threat Intelligence Platform</b><br><i>Flask, MongoDB, HTML/CSS/JS, REST APIs</i> |  |
| – 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.   |  |
| • <b>AI Personal Scheduling Agent</b><br><i>N8N, AI Agents, Google Calendar API</i>          |  |
| – Built an AI agent to manage personal schedules and appointments.                           |  |
| – Integrated Google Calendar API for automated notifications.                                |  |
| • <b>AI-Powered WhatsApp Automation</b><br><i>N8N, AI Agents, WhatsApp API</i>               |  |
| – Developed an AI agent to automate WhatsApp conversations and workflows.                    |  |
| • <b>CI/CD Pipeline Using AWS</b><br><i>AWS (CodePipeline, CodeBuild), IAM, CloudWatch</i>   |  |
| – 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

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- 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