

# SAVIN KUMAR N

AI&ML Enthusiast | Ethical Hacking Enthusiast |  
Java Developer

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## EDUCATION

### HINDUSTHAN INSTITUTE OF TECHNOLOGY

Coimbatore, TN

B.Tech [Artificial Intelligence and Data Science]

2021 – 2025

### VEVEAHAM HS SCHOOL

Dharapuram, TN

12th Biology-Maths

2019 – 2021

### SRI RAMAKRISHNA VIDYALAYA GURUKULAM

Coimbatore, TN

6th Grade-10th Grade

2014-2019

## COURSEWORK

### SOFTWARE

- Object Oriented Programming
- Machine Learning
- Data Structures
- Programming in Python
- Advanced JAVA Programming
- Data Visualization
- Database Management System
- Penetration testing

### HARDWARE

- ASIC Design
- Digital Computer Design & Prototyping

## SKILLS

### PROGRAMMING

Experienced:

Python • Java • Oracle SQL /MySQL

• HTML/CSS/JavaScript

Familiar:

Python • Java

### TOOLS/APPLICATIONS

Visual Studio • Eclipse • Pycharm

• Burp suite • Power Bi

### OPERATING SYSTEMS

Windows • Linux • UNIX

## PROFESSIONAL EXPERIENCE

### Advanced Software Engineering at Walmart USA:

MARCH 2024

- Developed a novel version of a heap data structure in **Java for Walmart's shipping department**, showcasing strong problem-solving and algorithmic skills.
- Designed a **UML class diagram** for a data processor, considering different operating modes and database connections.
- Created an entity relationship diagram to design a new database accounting for all requirements provided by Walmart's pet department.

### Tata Data Visualisation at TCS:

FEB 2024

- Completed a simulation involving creating **data visualizations** for **Tata Consultancy Services**.
- Prepared questions for a meeting with **client senior leadership**.
- Created visuals for data analysis to help executives with effective decision making.

## CYBER SECURITY FIELD:

### Cybersecurity Security Analyst at TCS :

MARCH 2024

- Completed a job simulation involving **identity and access management (IAM)** for **Tata Consultancy Services**, collaborating with a Cybersecurity Consulting team.
- Acquired expertise in **IAM principles, cybersecurity best practices, and strategic alignment** with business objectives.
- Delivered comprehensive documentation and presentations, showcasing the ability to communicate complex technical concepts effectively.

### Cybersecurity Security Analyst at Mastercard :

APRIL 2024

- Completed a job simulation where I served as an **analyst on Mastercard's Security Awareness Team**
- Helped identify and report **security threats** such as phishing
- Analyzed and identified which areas of the business needed more robust security training and implemented training courses and procedures for those teams

## Projects:

### AI Lence with ChatBot:( Own Project)

- **AI Lens** can recognize objects, **text**, and **scenes in images**, while Chatbot can **understand and generate human-like responses** to textual input.