Shreevathsan R

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github.com/shree-vathsan

Education

Chennai Institute of technology, B.E CSE(Artificial Intelligence and Machine Learning)　　　　Nov 2022 – May 2026
- CGPA: 8.52/10

Professional Experience

Cyber Security Intern, SysArc Informatics - Chennai, IN　　　　Nov 2023 - Dec 2023
- Mastered **corporate data management** and digital asset protection with clear stakeholder communication.
- Performed **vulnerability** assessments and applied mitigations for web applications with concise technical reporting.
- Enhanced **threat detection** and defense capabilities using hands-on cybersecurity practices with effective cross-team collaboration.

Web Developer Intern, Infograss Technologies – Chennai, IN　　　　May 2024 – Jun 2024
- Developed web apps using **Eclipse, Spring Boot** , **MVC** architecture for scalability proactive stakeholder communication.
- Designed & tested **RESTful APIs** using Spring Boot & Postman, ensuring 100+ testcases for reliability.
- Integrated frontend & backend, boosting debugging efficiency by 30% through effective team collaboration.

Projects

SmartCare-360 , Full Stack　**Live Demo:** https://smartcare360.vercel.app/　https://github.com/Shree-vathsan/SmartCare-360
- Engineered SmartCare with React.js, Node.js, and PostgreSQL, supporting scalable patient data handling and analytics
- Implemented JWT-based authentication and role-based routing, ensuring secure access control across all dashboards. .
- Enabled chatbot-assisted appointment booking and CRUD operations with 40% faster SQL query optimization
- Designed modular REST APIs and integrated real-time notifications for prescriptions, appointments, and admin system logs.

BookSense ML , Machine Learning, Python　　　　github.com/Shree-vathsan/Book-Analysis-ML-Project
- Trained a Logistic Regression model with TF-IDF and key features, achieving **88% accuracy** in genre classification.
- Built a dynamic Dash dashboard with interactive filters and visualizations, reducing analysis time by **60%**.
- Automated workflows for 10,000+ records, cutting manual effort by **70%** and supporting **<0.02 s** per-prediction latency.
- Delivered actionable insights into bestselling trends, genres, and author performance for strategic decision-making.

Skills

Languages: Java, Python, C, JavaScript, HTML, CSS, Database (MySQL, PostgreSql, SQLite)
Frameworks: : React.js, Node.js, Express JS,, Tailwind, Pandas, Scikit-learn, Numpy, Matplotlib ,Seaborn
Technical: Data Analytics, Machine Learning, Cloud Computing
Developer Tools: Git, Github, AWS, Docker,, Postman
language Proficiency: English(Fluent), Tamil(Native), Hindi(Intermediate), German(Beginner)

Certificates

AWS Cloud Practitioner – Amazon Web Services | **NPTEL – Ethical Hacking** – IIT Madras | **CyberOps Associate** – Cisco Networking Academy | **CCNA 1: Introduction to Networks** – Cisco Networking Academy | **CCNA 2: Switching, Routing, and Wireless Essentials** – Cisco Networking Academy | **CCNA 3: Enterprise Networking, Security, and Automation** – Cisco Networking Academy **The Complete Full-Stack Web Development Bootcamp** – Udemy

Competitive Programming

LeetCode: Max rating 1759, Top 10%, Solved 400+ Problems, Achieved highest rank 636 in Weekly Contest 444.
CodeChef: Max rating 1368, 1 stars, Achieved highest rank 4371 in CodeChef Starters 161-rated contest
CodeForces: Max rating 909, Achieved highest rank 8088 in CodeForces 982 (Div 2) contest

Achievements

Finalist, ThinkUp Ideathon 2024 – Designed an agri-focused app, selected among 120+ teams for UI/UX innovation.
Finalist, Hack $Day 2024 – Developed an offline open-source antivirus integrating multiple tools for file security.

Volunteering

1. **UI/UX Workshop: Magnus'23** Conducted a workshop on UI/UX providing participants with hands-on experience on tools like FIGMA .
2. **Event Organizer: Magnus'25(National Level Technical Symposium -** over 1000+ participants**), Takshashila'25 (Cultural Fest -** over 5000+ participants**)**