POOJA SHREE S R

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EDUCATION

Chennai Institute of Technology, B.E.Computer Science and Engineering *Nov 2022 – Apr 2026*
- **CGPA:** 8.5

PROFESSIONAL EXPERIENCE

Android Developer Intern, *Google for Developers - Eduskills* *Oct 2024 – Dec 2024*
- Engineered real-time form validation and filters, reducing input errors by 40% and improving reliability.
- Fixed bugs and optimized app performance, enhancing speed and stability across devices and platforms.
- Increased user engagement by 25% by improving UX, session duration, and successful form submission rates.

Artificial Intelligence and Machine Learning Intern, *Kodacy* *Jun 2024 – Jul 2024*
- Developed and fine-tuned ML models using Decision Trees and Random Forest, achieving 92% test accuracy.
- Preprocessed data by handling outliers, encoding categories, and normalizing features for better performance.
- Evaluated models with 80/20 train-test split using scikit-learn to ensure accuracy and generalization.

Web Development Intern, *Coincent* *Nov 2023 – Dec 2023*
- Improved mobile responsiveness, increasing mobile engagement by 30% using Chrome DevTools.
- Engineered dark mode and real-time validation, cutting form completion time by 15s and enhancing UX.
- Enhanced usability through peer testing, achieving 95% positive feedback on design and functionality.

PROJECTS

CodeSync – Collaborative Code Editor | *React.js, Node.js, Express.js, Socket.IO, Monaco Editor, MongoDB*
- Enabled real-time collaborative editing for 15 users per room with <200ms latency using Socket.IO.
- Integrated Monaco Editor with syntax highlighting for 5+ languages, improving team code clarity by 40%.
- Implemented room-based access, auto-save, and version tracking every 30s, reducing data loss by 90%.

LiveLens – Real-Time Video Analytics System | *React (TypeScript), Vite, Tailwind, TensorFlow.js, Chart.js*
- Built live video analytics with YOLOv5, enabling real-time object detection at 20+ FPS for smooth monitoring.
- Delivered instant alerts and analytics via WebSockets, reducing event response time by ~60% in test scenarios.
- Designed a dashboard to visualize historical data, supporting anomaly detection and reducing manual review by 40%..

MoneyMate – Financial Tracker with Real-Time Budgeting | *React.js, Node.js, Plaid API, Chart.js, OpenAI GPT*
- Synced real-time transactions from 3 test accounts using Plaid Sandbox, enabling live budget tracking.
- Categorized 1,000+ mock transactions with GPT, achieving 90% accuracy in classification tests.
- Added spending alerts and limits, helping 5 users cut simulated overspending by 20%.

TECHNICAL SKILLS

- **Languages:** Java, Python, C, C++
- **Web Technologies:** HTML, CSS, JavaScript, React.js, Node.js, Express.js, Next.js
- **Databases:** MySQL, MongoDB
- **Tools & Platforms:** Git, GitHub, Postman, VSCode, REST APIs, JSON, Figma
- **Cloud:** AWS (EC2, S3, Lambda, IAM, DynamoDB), Microsoft Azure

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- Microsoft Azure - Introduction to cloud services & Data Engineering (Coursera) ·
- IBM - Introduction to AI, Generative AI, Python, Cybersecurity (Coursera) ·
- Cisco - CyberOps, Networking, Python Essentials, Cybersecurity
- Udemy - Full-Stack Web Development Bootcamp , Node.js & Express Bootcamp

ACHIEVEMENTS

- **EDII Hackathon – Round 2 Shortlist:** Advanced in state-level hackathon through collaborative solution development.
- **EY Techathon 5.0 – Round 2 Shortlist:** Advanced after successful executive summary in national-level EY competition.

CODING PROFILES

- **LeetCode:** Solved 750+ problems with a 1840 rating, demonstrating persistence and advanced algorithmic proficiency.
- **CodeChef:** Solved 800+ problems with a 1200+ rating, demonstrating strong competitive programming skills.
- **Codeforces:** 781 rating – participated in contests to build algorithmic thinking.
- **HackerRank:** Completed certifications and challenges in Python, SQL, and Java.

VOLUNTEERING

- **Event Volunteer, Case Analytix –** Managed registrations and logistics for Hackerz'24 with 200+ participants.
- **Volunteer Web Developer, Catchafire (Remote)** – Improved NGO site UI responsiveness using React, HTML, and CSS.