ASWIN KUMAR R

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EDUCATION:

B.E (CSE- AIML) - Sri Eshwar College of Engineering		**CGPA** :7.7	**2023 -2027**
HSC - Government Higher Secondary School		90%	**2021 -2023**
SSLC - Government Higher Secondary School		-	**2020 -2021**

PROJECTS:

VIRTULEARN: **2025**

Developed a Web-Based Interactive 3D Science Lab where students perform virtual experiments with real-time 3D simulations and AI-driven explanations. Added gamification with points, badges, and leaderboards, AI-generated quizzes, personalized chatbot feedback, and quiz performance reports to make science learning more engaging and accessible.
Tech Stack: React | Node.js | Mongodb | Firebase | Blender | Unreal Engine5

AI POWERED HOSPITAL RESOURCE OPTIMIZER: **2025**

Developed an AI-powered Hospital Resource Dashboard to track real-time availability and patient inflow. Integrated predictive analytics and smart alerts for forecasting and critical shortage warnings. Built with the MERN stack and machine learning for better decision-making.
Tech Stack: MERN | Machine Learning

OPEN DONATION: **2024**

Created an online platform that connects people who have extra or unused items with those in need. The system allows users to give away items without using money, helping to reduce waste and support communities through direct donations.
Tech Stack: MERN

INTERNSHIP:

G Zoft Tech Solutions – MERN: **2025**

Built responsive and scalable web applications using the MERN stack, emphasizing intuitive UI/UX and real-time data handling. Acquired practical full-stack development experience by incorporating AI-powered insights and deploying cloud-based solutions.

CERTIFICATIONS:

The Complete Python Pro Bootcamp	**UDEMY**	**2024**
C++ Programming	**UDEMY**	**2024**
Machine Learning	**COURSERA**	**2024**
Pandas Basics	**KAGGLE**	**2024**

ACHIEVEMENTS:

Won the 'Hackxelerators' award in Hackxelerate 2025, a 24 hour hackathon held in KPRIET	**2025**
Cleared two rounds of internal selection for *SIH 2024* | SECE	**2024**
Secured **2nd position** in **IDEATHON, 24 Hours Hackathon** | SECE	**2025**
Secured **3st position** in **INTELLINA HACKATHON** | CIT	**2025**

CODING PLATFORMS:

LeetCode : **Global ranking** : 788,819 | **Problems solved** – 190 | **Contest rating**: 1352
Hacker Rank: 4 Star - **C** | **3** Star - **Python**

SKILLS:

Languages: C | C++ | Python | HTML | CSS | JavaScript | Java
Libraries/Framework: Numpy | pandas | matplotlib | GSAP | node | React | Express
Tools/Platform: GitHub | GIT | VS Code | Google Colab | Postman | Canva | Firebase |
Database: MySQL | MongoDB