

Gayathri M

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EDUCATION

Velammal Engineering College

B.Tech in Artificial Intelligence and Data Science - CGPA: 8.45

Nov. 2022 – May. 2026

Chennai, India

V.S.K.D Matriculation Higher Secondary School

Higher Secondary Education (Computer Science Specialization) - 89.5%

Nov. 2020 – May. 2022

Sivakasi, India

EXPERIENCE

Full-Stack Developer Intern - NEORYDE

July. 2025 – Aug. 2025

- Developed core features with React.js, NestJS, and PostgreSQL, boosting usability and stability.
- Streamlined SaaS workflows, cutting feature delivery time by 20% through optimized development practices.
- Worked with design and QA teams to ensure intuitive UI/UX and maintain 99% uptime across all environments.

Web Developer Intern - ATLANWA

Dec. 2024 – Jan. 2025

- Developed a responsive HR Dashboard using HTML, CSS, JavaScript, and Python.
- Built interactive visualizations to accelerate decision-making and improve analytical insights by 30%.
- Optimized backend queries and UI rendering, reducing load time by 40% with 99% cross-browser compatibility.

PROJECTS

HR Management Dashboard | Python, Flask, MySQL, HTML, CSS, JavaScript | GitHub

- Developed a full-stack HR management web app with CRUD operations, streamlining employee data handling for 100+ records.
- Integrated performance tracking and automated reporting, cutting manual analysis time by 40%.
- Implemented secure login, session handling, and role-based access, ensuring compliance with internal security policies.

SQL Data Warehouse Project | SQL Server, T-SQL, SSMS, Git, Draw.io, Notion | GitHub

- Designed multi-layer architecture (Bronze, Silver, Gold) to refine raw data into analytics-ready formats.
- Built automated ETL pipelines with T-SQL and stored procedures, reducing data processing time by 50%.
- Modeled star schema for optimized queries, improving report generation speed by 35%.

Cab Assignment Dashboard | React.js, NestJS, PostgreSQL | GitHub

- Built a cab assignment dashboard to streamline transport allocation for IT employees.
- Integrated driver availability & route optimization, reducing allocation time by 25%.
- Maintained 99% uptime and implemented clean, scalable backend architecture.

CivicPulse | React.js, Firebase (Auth & Firestore), Node.js, Express.js | GitHub

- Created a citizen reporting platform with geolocation, enabling accurate issue mapping across regions.
- Implemented real-time heatmaps for admin dashboards, improving response prioritization by 45%.
- Integrated AI-based classification to auto-route issues by type and severity, reducing manual triage workload by 60%.

SKILLS

- **Languages and Databases:** Python, SQL, HTML, CSS, JavaScript, MySQL, PostgreSQL, SQL Server (T-SQL), MongoDB
- **Tools & Platforms:** Excel, VS Code, Git, GitHub, Streamlit, Tableau, Figma
- **Data & Analytics:** ETL Pipelines, Star Schema Modeling, Data Visualization
- **Soft Skills:** Leadership, Team Collaboration, Communication, Problem Solving, Time Management

EXTRACURRICULAR ACTIVITIES

- CodHer'25 (ACM – CEG) - CivicPulse: Developed a civic issue reporting platform with real-time tracking and AI-based classification.
- Nexathon 2025 (KCG College of Technology) - MediNote AI: Transformed doctors' voice notes into structured medical transcripts using speech-to-text and NLP.

CERTIFICATIONS

- Infosys Springboard - Data Visualization
- Coursera - Google AI Essentials
- Google Cloud - Introduction to Data Analytics in Google Cloud