

Summary

Data-driven and detail-oriented technologist with hands-on experience in data analysis, machine learning, and full-stack development. Skilled in transforming raw data into meaningful insights while building secure, scalable web applications using modern backend and frontend technologies. Experienced in working with databases, APIs, and authentication systems, with a strong focus on performance optimization and clean system design. Passionate about solving real-world problems through data-backed decisions and production-ready software solutions.

Education

Bachelor's of Technology – Computer Science and Engineering (Data Science)	2023-2027
Vellore Institute of Technology	Vellore, Tamil Nadu
Senior Secondary - Mathematics	2021
Parth Public School	Karnal, Haryana

Skills

Programming Languages: Java, Python, C, C++, SQL, HTML, CSS, JavaScript, MATLAB, R, GO

Data Science: Machine Learning, Scikit-learn, Deep learning, NLP, Prefect, MLflow, Tensor-flow

Data Analytics: Numpy, Pandas, Matplotlib, Seaborn, Power BI, Tableau

Full Stack Development: React.js, Tailwind CSS, Golang, FastAPI, JWT, MongoDB, PostgreSQL

Mathematics & Algorithms: Linear Algebra, Statistics, Probability, Multivariable Calculus, Differential equations

Other skills: Git, GitHub, Linux CLI, Bash scripting, Shell utility, System Design

UI/UX Designer: Proficient in figma, wire framing and prototyping.

Experience

Beryl System Pvt. Ltd.	May 2025- June 2025
Full Stack Intern- Web	Faridabad, Haryana
<ul style="list-style-type: none">Developed and maintained scalable full-stack web applications using Golang and React in a production environment.Implemented secure REST APIs and ensured seamless communication between frontend and backend systems.Optimized PostgreSQL database queries and performance to improve application efficiency and reliability.Resolved authentication, authorization, CORS, and security challenges by following industry best practices.	
Notable Projects	
<ul style="list-style-type: none">DevConnect – Techies Social Platform (Ongoing) Building a full-stack social platform for developers to connect, share projects, and collaborate — featuring authentication, profiles, search, and post management with image uploads. Designed an elegant React + Tailwind frontend integrated with a Golang (Gin, GORM) backend and PostgreSQL database. Tech Stack: React.js, Tailwind CSS, Golang (Gin, GORM), PostgreSQL, JWT Auth, AxiomJob Fit & Skill Gap Intelligence System (Ongoing) Developed an AI-driven system to evaluate resume-job fit by extracting skills and experience from resumes and job descriptions using NLP and ML. Generated quantitative job readiness scores and personalized skill gap recommendations to improve candidate relevance. Tech Stack: Python, spaCy, TF-IDF, Logistic Regression, XGBoost, PostgreSQL, StreamlitCredit Card fraud DetectionTaxi Fare Prediction System Developed an end-to-end machine learning pipeline for taxi fare prediction, performing large-scale data preprocessing, geospatial and temporal feature engineering, and rigorous model evaluation using cross-validation. Implemented workflow orchestration, experiment tracking, and model selection to ensure reproducibility and readiness for real-time deployment. Tech Stack: Python, Pandas, NumPy, Scikit-Learn, XGBoost, CatBoost, Prefect, MLflow, FastAPI, Docker	

Extracurriculars & Volunteer-ship

Board Member (Management Head) | Matrix – The Multimedia Club

- Led and mentored club members in multimedia design and content creation while contributing to strategic planning and decision-making.
- Served as the **Primary Point of Contact (POC)** for multiple events, managing end-to-end planning, coordination, and execution to ensure smooth operations.
- Orchestrated end-to-end logistics for 6+ multimedia club events, directly mentoring 3 junior members in content creation and design, resulting in a 30% increase in positive participant feedback.

Core Strengths

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|------------------------------|------------------------------|-----------------------------------|
| • Analytical Problem-Solving | • Leadership & Collaboration | • Public Speaking & Communication |
| • Time Management | • Creative Thinking | • Attention to Detail |

Problem-Solving & Analytical Thinking | Leadership & Teamwork | Communication & Public Speaking | Time Management & Multitasking | Creativity & Innovation | Attention to Detail