

OBJECTIVE

Dual-degree Computer Science and Data Science student with a strong foundation in Statistics, Probability, and Machine Learning. Aiming to secure the Trainee Decision Scientist role at Mu Sigma to apply first-principles thinking, mathematical modeling, and full-stack technical skills to solve complex business problems and drive data-backed insights for Fortune 500 clients.

EDUCATION	
Indian Institute of Technology Madras (IITM) BS in Data Science and Applications :CGPA :7.0	2023 – Present
Saveetha Engineering College BE Computer Science and Engineering : CGPA:8.6	2023 – Present

SKILLS

Core Analytics & Math : Probability, Statistics, Linear Algebra, Mathematical Modeling, Machine Learning Fundamentals.
Programming & Data : Python, Java, SQL , Data Structures & Algorithms.
Web & Tools : React, Node.js, Express, JavaScript, Jupyter Notebook, Git/GitHub, Advanced Excel (Data Manipulation).
Soft Skills : Team Leadership, First-Principles Problem Solving, Analytical Communication, Collaborative Learning.

EXPERIENCE

WEB DEVELOPMENT INTERN | CIRF TECHNOLOGY

Designed and deployed a full-stack recipe management application, configuring modular database structures to handle complex category filtering and clean data rendering.

- PROJECTS
- ADVENTURE LOGISTICS PLATFORM | TREKORA**
- Tech Stack :** Python, Flask, SQLite, Flask-SQLAlchemy, Jinja2, Bootstrap 5.
- Engineered a role-based management system with specialized operational dashboards and real-time relational databases to orchestrate booking histories, participant allocations, and dynamic route inventories.
 - Implemented systemic control states enabling staff to manage trek lifecycles while empowering admins to oversee unified search and status tracking across all system entities.
- RECRUITMENT WORKFLOW & ANALYTICS PLATFORM | TALENTGRID**
- Tech Stack :** Python, Flask, SQLite, Flask-SQLAlchemy, Jinja2, Bootstrap 5, Chart.js.
- Engineered a multi-tenant recruitment platform with a custom Neobrutalist UI, featuring distinct access controls and operational dashboards for Admins, Corporate Recruiters, and Candidates.
 - Designed relational database schemas utilizing SQLAlchemy to manage dynamic application workflows, job eligibility filtering, and live funnel metrics visualized via Chart.js analytics.

ACHIEVEMENTS

Winner (1st Prize) – 'Crown Quest' : Organized by the Math Club at Saveetha Engineering College (March 2026); demonstrated elite quantitative and speed-problem-solving skills.

Foundation Finisher & Top Course Grade Badges : Recognized by IIT Madras for stellar academic completion and exam performance during the BS Data Science Foundation Level.

- CERTIFICATES
- IITM FOUNDATION PROGRAM | IIT MADRAS**
- Verified expertise in Statistics, Probability, Linear Algebra, and Computational Thinking.
- FUNDAMENTALS OF DATABASE : SQL | ORACLE**
- Documented mastery of relational database concepts, querying structures, and data management.
- PYTORCH ULTIMATE SPECIALIZATION & ML FOUNDATIONS | COURSERA/AWS**
- Advanced coursework in neural networks, model evaluation, and cloud-driven machine learning workflows.
- CRASH COURSE ON PYTHON | GOOGLE**
- Focused on core scripting structures, algorithms, and data-driven problem-solving methodologies.
- INTRODUCTION TO CLOUD 101 | AMAZON WEB SERVICES**
- Built underlying competencies in modern cloud architectures and scalable system environments.