

Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2022 - 2026	B.E(Electronics & Communication)	J S S Academy of Technical Education	8.16/10
2022	KPU (Class XII)	R N S Composite Pre-University	91.5%
2020	ICSE (Class X)	Bunts' Sangha R N S Vidyaniketan	87.0%

Professional Experience

• Strategy and Analytics intern | GRG India | RemoteSep'24 - Feb'25

Objective	• To identify key areas for product improvement and transform sales data into useful product insights
Approach	• Developed automated incentive tools to transform clients Excel-based plans to integrate with CRMs • Created buyer personas for 4+ industries to better pitch to clients and smoothen integration • Tested the platform by generating random data points to assess the validity of the models developed
Result	• Ensured smooth and efficient on-boarding of 3 clients: Titan, Fastrack and Alkem Laboratories

Technical Skills

- Programming Languages :- C, C++, Java, Python3 | Web Development:- HTML, CSS, Bootstrap, JavaScript, React
- Software and Utilities :- Linux, Git, GitHub, MathML | Data Science and ML :- Tensorflow, Keras, Numpy, Pandas

Relevant Courses

Data Structures & Algorithms	MATLAB Programming
Introduction to C Programming	Introduction to Python Programming
Image Processing	Data Science Lab
Internet of Things	Project Management

Key Projects and Workshops

• Amazon Machine Learning Summer School 2024 | Summer Workshop | MLJul'24-Aug'24

Objective	• To learn state-of-the-art machine learning techniques with focus on solving real world problems
Approach	• Attended Sessions on Supervised Learning, Neural Networks and Dimensionality Reduction • Further explored key-concepts in sequential learning, reinforcement learning, GenAI and LLMs • Attended Q&A Sessions to understand the theory learned, applying concepts to practical problems • Engaged with Amazon scientists to further discuss the fundamentals and improvise problem solving
Result	• Gained theoretical knowledge of core machine learning topics and their application in problem solving

• EzPay using React and ExpressJS | Web DevelopmentDec'23-Mar'24

Agenda	• A payment simulation website with dummy currency using React, ExpressJS and MongoDB
Approach	• Created components for sign-up, login, user dashboard and payment interface using React • Used JSON webtoken(JWT) library to create unique tokens to implement user authentication • Utilized Zod library for type safety and schema validation and comprehensive error handling • Created server using ExpressJS to make routes for implementing features and stored transaction data using MongoDB and implemented a process-revert mechanism using Mongoose transactions
Result	• Developed understanding of integrating APIs into front-end applications and introducing authentication .

Volunteering Work

• Project Mentor | Codecraft | RemoteMar'24-July'24

Objective	• Mentoring a diverse group of 40 mentees, equipping them with comprehensive knowledge and practical skills in Applied Data Science, Machine Learning,OOPS, SQL and Front-End development
Approach	• Taught core Data topics, including implementation, Exploratory Data Analysis, Principal Component Analysis, Regression Analysis, Docker Deployment , and other fundamental concepts. • Provided an introduction on front-end development using HTML, CSS, JavaScript, and React . • Evaluated mentees and reinforced concepts and problem-solving skills through weekly assignments . • Guided mentees in creating a portfolio website and proficiency in Machine Learning development .

Certifications

- Secured **Top 200** in **Amazon ML Challenge** and was awarded with **Merit Certificate and Amazon Goodies** on July 2024
- **Applied Data Science Lab** from WorldQuant University on **Sep 2024** implemented on **8 real-world applications**
- Earned certification on **Introduction to Internet of Things** from NPTEL for scoring **83% percentage** on Oct 2023