

EDUCATION

University of Leeds

Leeds, United Kingdom

MSc Data Science and Analytics

Sep 2023 – Sep 2024

Classification: 2:1 – Pass with Merit (Actual)

Relevant Coursework: Data Science, Statistical Theory & Methods, Statistical Learning, Business Analytics and Decision Sciences, Machine Learning in Practice, Deep Learning.

Panimalar Institute of Technology

Chennai, India

Bachelor of Engineering - Electrical and Electronics Engineering

Jun 2017- Aug 2021

Relevant Coursework: Digital Signal Processing, Solid State Drives, Total Quality Management, Python programming and Problem-Solving, Object-Oriented Programming.

Classification: First Class - Actual

Key Roles:

- Partnered closely with peers and staff to conduct workshops and hosted several college events.
- Submitted and won Paper thesis Presentations like “Automated Intimation to Ambulance for medical service and traffic clearance using IOT” and “Substantiation in Automobiles” at ICIETET 20 Panimalar Conference.

WORK EXPERIENCE

Accenture PLC

Chennai, India

Application Development Analyst

Aug 2021 – Aug 2023

- Delivered 10 successful system upgrades and maintenance tasks through collaboration with multiple managers to implement SAP Basis projects for business client.
- Cross-skilled across SAP BASIS, HANA DB, and Solution Manager (SOLMAN) including CHARM process to provide diverse technical support.
- Achieved zero-day Production system downtime across multiple instances and 100% SLA uptime around the clock by co-managing frontline teams and establishing strong working relationships.
- Collected client business requirements, cleaned data, deployed development codes, tested in multiple environments, and implemented production releases without issues to drive projects.
- Demonstrated exceptional leadership and growth by earning Inspiring Innovator, Growth Catalyst and Embracing Shared Success Awards.

Hatch School of Code

Chennai, India

Coding Tutor

Aug 2020 – Aug 2021

- Taught engaging online courses in Python, R, Data Science & AI Introduction, and Web Development for students under 15, managing curriculum and fostering a supportive learning environment.
- Managed logistical aspects of online learning, including platform coordination and resource allocation, while building relationships with stakeholders, tutors, and parents.

Smazee Software Solutions

Chennai, India

Junior Software Developer Intern

Nov 2019 - Dec 2019

- Compiled and developed an Android application for the business requirement along with a Firebase backend to handle the Database requests.

Kairos Exe Technologies

Madurai, India

Testing Intern

Jun 2019

- Operated under the guidance of senior tester to learning about application testing practices and web development.

Novateur Electrical & Digital Systems

Chennai, India

Intern

Dec 2018

- Gained practical understanding of Digital Signal Processing (DSP) in Uninterrupted Power Supply (UPS) systems and client relationship management for "Numeric UPS" solutions through internship participation.

PROJECTS

COVID Analyser

- This Android application focuses on classification of COVID-19 X-rays based on Kaggle datasets with the help of TensorFlow lite.

Substantiation in Automobiles

- Implemented Biometric Authentication system for automobiles, enhancing security. Developed mobile application for seamless control. Collaborated with 3 team members and achieved 20% reduction in unauthorized access incidents.

Customer Churn Analysis

- Conducted an extensive data science project focused on analysing factors affecting customer churn rates. Identified key factors and their correlations with churn and developed strategies to reduce churn and enhance customer retention.

Predicting ICO success using machine learning classifiers:

- Developed predictive models to forecast ICO success using machine learning. Analysed and pre-processed data to identify key attributes, and evaluated various algorithms, recommending AdaBoost for its superior accuracy and balanced performance. Provided insights for investors and project teams to enhance decision-making and fundraising strategies.

Unsupervised Machine learning of Rainfall in UK: - Dissertation

- Utilised unsupervised machine learning methods (DBSCAN) to classify and analyse different types of rainfall from high-resolution spatio-temporal climate data across the UK, enhancing precipitation forecasting and pattern recognition over a century-long period. Engaged in advanced data segmentation, feature extraction, and clustering techniques to identify rainfall categories for improved meteorological assessments.

TECHNICAL SKILLS

Programming Languages:

- **Python & R:** Expert (extensive experience in data analysis, machine learning, and scripting)
- **Java:** Intermediate (proficient in object-oriented programming and core concepts)

Data Analysis & Visualisation:

- **SQL:** Novice (working knowledge of querying relational databases)
- **Tableau:** Novice (data visualization techniques and basic dashboard creation)

Cloud Computing:

- **AWS Suite:** Intermediate (experience with core services like S3, EC2, and Lambda)

Mobile Application Development:

- **Flutter:** Intermediate (building and deploying mobile applications)

Enterprise Resource Planning (ERP):

- **SAP Basis & Solution Manager:** Expert (in-depth knowledge of system administration, configuration, and user management)

Productivity Software:

- **Microsoft Office Suite:** Advanced (highly proficient in all applications for efficient document creation, communication, and data management)

CERTIFICATIONS

- AWS Certified Cloud Practitioner (Amazon Web Services)
- Data Analytics and Visualization Job Simulation (Accenture North America)
- Microsoft Certified Power Platform Fundamentals (Microsoft)
- SAP Certified Technology Consultant (SAP Labs)
- Algorithmic Toolbox and Neural Networks Specialization (Coursera)
- Microsoft Office Specialist: Excel Associate (Office 2019)
- Microsoft Office Specialist: Excel Expert (Office 2019)
- Google IT Fundamentals (Coursera)
- Data Science Essentials (CISCO)