ARMAAN SAIT

Bachelor Of Engineering - Computer Science

ALL ABOUT ME

Seeking a Challenging Opportunity with an Esteem Organization where I can deliver expected targets leading a Team of Skilled Professionals to achieve Company Objectives and goals. Interested in Mastering new Technologies and finding solutions in Complex situations.

CORE SKILLS

- Data Analytics (Spark, Hive)
- Data Structures
- Data Orchestration
- Good in Problem-Solving skills
- Cloud Computing (AWS, GCP)
- Coding and Debugging
- Web development
- Dedicated effort
- Management skills
- Database management systems

HOBBIES

- Cycling
- Body Building
- Playing Chess/ Carrom

WORK EXPERIENCE

SENIOR SOFTWARE ENGINEER
TIGER ANALYTICS PVT LTD, July 2022 - Present
- Lead a Team of two people to orchestrate flow to consume data from multiple vendors across various methods like SFTP, S3 bucket, MFTP, and Redshift Datashare. So Developed and pushed the changes to production, thus reducing the manual effort to collect this data across vendors and the time period was reduced from 2 weeks to 1 day.
- Lead Worked on Consuming a Publically available dataset called Clinical Trials to consume this data on daily basis and evaluate the timelines in data. reducing manual intervention of users.

SOFTWARE ENGINEER - DATA ENGINEER
TIGER ANALYTICS PVT LTD, July 2021 - June 2022
- Designed & Implemented a Promotional Activity Data Hub through automation of 31 data Ingestion sources & Feature Engineered for Consumer & Practitioner data, reducing Data Preparation time from 2 months to < 1 day for Market Mix Modelling across 20 products on a monthly basis. This is used to build models to determine sales response curves, the impact of each promotion on sales, & ad saturation points. This was accomplished using serverless applications like PySpark, Glue, Redshift, Lambda, Stepfunction, Cft, S3, SNS, EventBridge, API.
- Architected and Developed an end-to-end solution to process digital engagement data for Budget Optimization across various promotional channels for profit maximization and identifying the best promotion mix that best aligns with business strategy. Ingested sales data, traditional, and digital promotions and also took into account various internal and external factors like market and competitive landscape changes to help define digital engagement strategies, engagement segments, and journeys.

DATA ENGINEERING INTERN
TIGER ANALYTICS PVT LTD, Jan 2021 - July 2021
- Worked on PySpark and Databricks. Analyzed the given dataset & Performed an EDA on it. Presented a Case study projecting various recursive patterns in the dataset over the years and used Tableau Public to create a dashboard and Visualized those insights and patterns.

WEB DEVELOPMENT INTERN
NEEDLE INDUSTRIES INDIA PVT LTD, December 2019
- Created a website using Django and retrieved data from Oracle, based on user needs on separate utility screens, which helped the company to visualize data at different levels.
- Developed Functions and Triggers in oracle Database used to generate multiple Monthly reports for various departments.

EDUCATION BACKGROUND

KUMARAGURU COLLEGE OF TECHNOLOGY
B.E COMPUTER SCIENCE, 2017 - 2021
- Cumulative GPA: **9.62** / 10; Academic Merit Scholarship Holder
- I have won The Mahatma Gandhi Scholarship award recognized by the college for Excellent Performance, consecutively for the past 4 years. (2017 – 2021).

CRESCENT CASTLE PUBLIC SCHOOL, OOTY
HIGHER SECONDARY SCHOOL, 2015 - 2017
- Accredited with Academic Honors - **95 %**
- (Physics, Chemistry, Computer, English & Mathematics
- Vice-President, 2012, Math's Club.
- Won the Merit Scholarship from Needle Industries, Pvt Ltd, India
- Won the Academic Scholarship from Cutchi Memon Jamath, Nilgiris.

MINI PROJECTS

- **POLLUTION CONTROL IN TEXTILE INDUSTRIES**
  The device was built leveraging an Arduino, Motor to keep a constant check on the air pollution level in textile industries. **LINK**: https://github.com/Icyfire18/PollutionControl
- **Agri-Image Processing**
  It is a trained model using MATLAB which is used to classify whether the given tomato is ripe or not. Further, It also indicates whether it has been spoilt.
  Link: https://github.com/Icyfire18/Agri-Image-Processing
- **Recognizing Faces in the Wild**
  It is a trained model using Tensor Flow deep learning to easily classify two images and tell us if the people in those two images are related or not. This uses OpenCV in the backgroudn to comapre the similarities in the facial features and group them on it.
- **Crime Reporting App**
  The Application is an interactive mobile-based Crime Reporting System (CMS) integrated with map features to facilitate tracking of location information of the place of crime. The application can be used by the Public, Police Officials, and Intelligence Authorities with different levels of access provisions and functionalities supporting the investigation. **Link**: https://github.com/Icyfire18/CrimeReporterApp
- **Malware Detection Using Deep Learning**
  It is a trained model using Tensor Flow Deep Learning to detect and Classify various types of Android Malware as benign or scan the destination IP in the TCP layer itself and alert the user to a specific type of malware. A robust model which also autodetects the unprecedented data. **Link**: https://github.com/Icyfire18/Malware

PRESENTATIONS AND WORKSHOPS

- Published a Paper in the **International Journal Of Aquatic Sciences** on Interactive Mobile Based Crime Reporting System Integrated With Map Feature And Exploratory Data Analysis. Link: Research Paper
- Presented a paper on Big Data Technologies at a Conference held at PSG Institute of Technology and Applied Research, Coimbatore.
- Attended Salesforce Administrator ADX 201 Hands-on Training at Kumaraguru College of Technology by ICT Academy.
- Participated in I-START, A Design Thinking Immersion Program at FORGE Factory, Coimbatore.
- Attended a workshop on Ethical Hacking at BITS-PILANI, Hyderabad
- Presented a paper on **Detection and Classification Of Malware** at IEEE.
- Conducted Multiple Workshops on Git & GitHub(Version Control System).
- Developed and promoted Agricultural Processes, Products and handicrafts during in AICTE Regional level Chhatra Vishwakarma Awards

ACCOMPLISHMENTS

- **President -** Department Association of Computer Science and Information Science Engineering - KCT (2020-2021).
- **Executive** member of the Leadership Council - KCT.
- **Best Innovative award** in Yugam India Ideathon.
- Won the **Student Enterprise Ideathon** award.
- **Campus Ambassador** at **GeeksForGeeks** (2020 - 2021).
- **Certification** in Data Science, Machine learning and multiple other courses on Coursera.
- **Vice President** of Soil Club, (2020-2021), KCT.
- **Treasurer** of Soil Club, (2019-2020), KCT.
- **Treasurer** of DA - Computer Science, (2019-2020), KCT.
- Google IT Support **Professional Certificate** - **Google 2020**
- **BEST VOLUNTEER AWARDS** - (DA Computer Science & KCT Soil Club)

DECLARATION

The details furnished above are true to the best of my knowledge and belief.

Place: Ootacamund   Armaan Sait