

SOURAV DAS

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OBJECTIVE

Looking for opportunities as an international postgraduate in the UK with the aim of putting my knowledge and accumulated industry experience in SQL and Business Analytics to appropriate use in a suitable environment which utilizes my resourcefulness in data management and team-work.



EXPERIENCE

Project Engineer | Lusis Payments | UK

SEP 2021 – Present

BUSINESS ANALYST – BANK OF AMERICA - AGILE (SCRUM)

- Developed applications in SCRUM based project team activities based on AGILE methodology. Analysed customer requirements for development of payment modules using Java for application release integration.
- Created interactive dashboards using QlikSense for business intelligence-based data CRM reports.
- Parsed XML and JSON files with emphasis on service availability through load balancing activities in HP NonStop, Unix and DB2 servers along with development of test plans.

System Engineer | Tata Consultancy Services | India

MAR 2016 – NOV 2020

BUSINESS ANALYST - BRITISH TELECOM PLC. – DSS BAU TEAM – AGILE (SCRUM)

- Negotiated with clients on telephonic Scrum calls and carried out highly challenging tasks based on the requirements provided daily across each sprint alongside activity monitoring and analysis in Jira tracker.
- Orchestrated the creation of three web applications from scratch using Java technologies of Spring, MyBatis, JavaScript, RESTful Web Services in Oracle SQL Database with continuous feature enhancements.
- Earned plaudits for creating multiple visualization-based dashboards using Oracle BI for the stakeholders helping them in better decision-making and analytics in the BT-Retail line of business.

DATA ENGINEER - BRITISH TELECOM PLC. – CCP & MIGRATION TEAM - WATERFALL

- Spearheaded a Data Warehouse Migration project for Java Applications from Oracle 10g to 12c implementing skills in PL/SQL, Job Control Language and elementary Shell Scripting in Unix.
- Capitalized on self-growth in a team of seven for a year. After getting promoted, supervised a team of three, which supported in getting the awareness of self-sufficiency and proprietorship.
- Acknowledged by stakeholders on multiple occasions with e-cards and recommendations on LinkedIn.



EDUCATION

M. Sc. | Business Analytics and Big Data | University of Liverpool | 1st Class (Distinction)

2020 – 2021

- Recipient of the ULMS Scholarship that contributed a 50% waiver on the tuition fee in addition to Vice-Chancellor's International Attainment Award and Commonwealth Postgraduate Bursary.
- A member of the University Chess society and Data Science club.

MODULES:

Data Mining & Machine Learning, Big Data Analytics, SAP, Digital Business Technology, Big Data Management, Digital Strategy, Operations Modelling & Simulation, Logistics & Physical Distribution.

DISSERTATION:

- Formulated new algorithm for delivery optimization using self-organizing maps and k-means clustering in Artificial Neural Network for New York City region with research focus on the Traveling Salesman Problem.
- Developed a model to manage small-sized e-commerce delivery orders pertaining to a sports vendor DataCo in Python (matplotlib, numpy, TensorFlow) with real data sets alongside generated ones.
- Reviewed relevant literature for further research and performance comparison of neural network models.

B. Tech | Electronics and Communication Engineering | West Bengal University of Technology | 1st Class (Distinction)

2011 - 2015

- Attained a GPA of 8.4 out of a maximum 10 and distinction grades in all modules.
- Captained the college football team which participated in inter-college level competition.

MODULES:

Data Structure and C, Object Oriented Programming, Database Management System, VLSI Design, Digital Image Processing, Circuit Theory, Solid State Device, Digital Electronics and Integrated Circuits.

PROJECT:

Performed analysis of the incremental band gap and effective electron mass in n-In_{1-x}Ga_xAs_{1-y}P_{1-y} in accordance with the perturbed Two and Three band model of Kane.



SKILLS

- Technologies: Data Analytics, Data Visualization, Machine Learning, Data Mining.
- Programming Languages: Java, Python, JavaScript, C++, HTML, PL/SQL.
- Tools: QlikSense, Tableau, Oracle BI, SAP, GitHub, WebLogic, Toad, RESTful clients, AWS Elastic Beanstalk, MS Word, MS PowerPoint, MS Excel.
- Databases: SQL, NoSQL, Oracle RDBMS, MongoDB, JSON, XML, MS Access.
- Python Libraries: NumPy, Pandas, OpenCV, TensorFlow, scikit-learn, Matplotlib.
- Java Frameworks: Spring MVC, Struts, Servlet, Hibernate, MyBatis.
- Web Development: ReactJS, Django, Flask, jQuery, Bootstrap, CSS, Ajax.



CERTIFICATIONS

- Oracle Certified Java Programmer.
- Qlik Sense Business Analyst Qualified.
- Machine Learning (Stanford University).
- MongoDB for SQL Pros Certified.



ACTIVITIES

- I am a chess enthusiast and also enjoy playing football.
- Being a music connoisseur, I am a self-taught guitarist and a harmonica player.
- Fluent in English communication (IELTS 8.0 - C1 Advanced).