SOURAV
DAS

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LinkedIn in
Website ⓘ

OBJECTIVE

Looking for opportunities as a University of Liverpool International Masters student in a suitable environment and put my knowledge and accumulated industry experience in SQL, JavaEE and Business Analytics to appropriate use in the most competitive sector which utilizes my resourcefulness in data management and team-work.

EXPERIENCE

System Engineer | Tata Consultancy Services | Full-Time
2016 – 2020

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.
- Expedited downstream data flow using REST API to generate JSON with automated sending to MongoDB.

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.

Liverpool Ambassador | University of Liverpool | Part-Time
2021 – Present

- Assisted the UK Recruitment team in hosting school visits to the University including; preparation of the event, supervision of groups, helping and interacting with visitors, participating in tours and workshops.
- Staffed the telephone lines during confirmation and clearing for University admissions.

EDUCATION

M. Sc. | Business Analytics and Big Data | University of Liverpool
2020 – PRESENT
- 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:

- Analysed community logistics strategy efficiency 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
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-In1-xGaxAsyP1-yin accordance with the perturbed Two and Three band model of Kane.

SKILLS

- Technologies: Data Analytics, Data Visualization, Machine Learning, Data Mining.
- Software/Languages: Java, Python, JavaScript, R, 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 an avid reader and a chess enthusiast.
- Volunteered for an NGO called Bhumi, where I taught computer science to underprivileged children.
- Fluent in English, Bengali and Hindi and also an autodidact.
- I enjoy watching and playing football.