

THAHIRA THASNEEM SIRAJUDHEEN

Software Developer

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Family Visa (Abu Dhabi) – valid till March 2026

PROFESSIONAL SUMMARY

Versatile Software developer with cross-functional experience in the design, implementation, validation and deployment of IBM mainframes applications and complex system and curious about/actively practicing Data Analysis



Technical Expertise

Programming languages: Industry hands-on: COBOL, JCL, DB2, CICS and SQL

Proficient: Python (Pandas, Matplotlib), C, PL/SQL

Basic: NoSQL, Assembler, Seaborn

Operating Systems: Mainframes z/OS

Tools used: Mainframes: Infoman, ChangeMan, FileAid, ServiceNow, SPUFI, TSO/ISPF/PDF

Jupyter, Tableau, Microsoft Excel

Databases: MySQL, MongoDB, MS SQL Server

Softwares used: Tally ERP, MySQL, Anaconda



Skills

- In-depth knowledge and programming skills in COBOL including File Handling, JCL, DB2 and CICS
- Proficient in SQL, with the ability to efficiently process and analyze large volumes of data
- Data Cleaning, Preprocessing and Exploratory Data Analysis using MySQL by interpreting data and generating insights
- Exploratory Data Analysis(EDA) using Python (Pandas, NumPy, Matplotlib, Seaborn)
- Data Visualization – Interactive Dashboard development using Tableau with the ability to effectively present analysis results
- Data preparation and Visualization – Dashboard creation using Microsoft Excel (Pivot tables, charts, XLOOKUP)
- Proficient in C and MS Office
- Basic knowledge of Assembler and NoSQL (MongoDB)
- Fast learner with core knowledge in banking domain(Payment Cards)
- Good at client relationship management, logical thinking, problem solving and analytical thinking
- Excellent interpersonal, verbal, communication and presentation skills



Projects

Currently working on projects/contributions (available on GitHub) as part of learning Python, Tableau, SQL and Microsoft Excel with respect to Data Analysis (2024):

- **Data Analysis and Insights:** Analyze large and complex datasets, including user behavior, sales and market data, to identify potential issues and recommend improvement strategies
- **Reporting and Dashboards:** Develop and maintain data reports and dashboards to enable business teams to monitor key metrics in real-time, enhancing decision-making processes
- Monitor key performance indicators (**KPIs**) and ensure the accuracy and timeliness of data reporting

GitHub Repositories:

- [Portfolio projects](#)
- [Data Preparation and EDA using SQL](#)
- [Data Preprocessing and Analysis using Pandas](#)
- [Data Visualization using Tableau](#)
- [Sample Dashboard path](#)
- [Data Visualization using Excel](#)
- [Simple Python projects](#)



Work Experience

1. Organization: Capital Steel & Nafees Bastan Group of Companies (Feb 2020 – Oct 2021)
Dubai, UAE

2. Designation: System Engineer

Organization: Tata Consultancy Services (May 2015 – June 2018)
Chennai, India

Project Client: CITI Bank, North America

- Developed code in IBM Mainframes - COBOL, JCL, DB2 and CICS
- Actively involved in writing SQL queries in DB2 (mostly stored Procedures) with Bank Customer database
- Handled Database/tables using SQL in DB2 and has good experience in troubleshooting/debugging database issues
- Developed code by gathering requirements, analyzing impacts and by involving in design preparation and code development with respect to Payment Cards
- Performed unit testing, code analysis and integration, production deployment and post implementation validation to deliver defect free code
- Worked closely with customers and various teams to determine planning, implementation and integration of system-oriented projects
- Analyzed the defects and incidents and provided permanent fix for the issues
- Monitored and managed all installations and system to ensure the highest level of availability
- Developed detailed functional specifications, technical documentation and User Guides
- Contributed to process improvement activities and dollar savings for continuous process and system improvement
- Contributed to the development of the internal system and the organization by frequently taking up responsibilities
- Defined enterprise processes and best practices and tailored enterprise processes for the existing applications
- Worked briefly in Agile based project for few months and got involved in sprint planning, task estimates, code development and sprint reviews
- Conducted seminars and training to team members on various project aspects and trained new associates



Achievements

- **Certifications**

1. Python 101 for Data Science (2024), Issued by Cognitive Class, powered by IBM Developer Skills Network
2. SQL and Relational Databases 101(2024), Issued by Cognitive Class, powered by IBM Developer Skills Network
3. Pandas(2024), Issued by Kaggle

- **Best Team Award**

Led a team of 5 members for a mini project and was awarded the 'Best Team Award' for defect free, quality project delivery (2017)



Education

Bachelor of Engineering – Electrical and Electronics Engineering, 2011 - 2015

Government College of Technology, Coimbatore, India