Romil Patel

Computer Science and Engineering
Bachelor of Technology
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EXPERIENCE

•MAQ Software   *Mumbai*

Associate Software Developer   Feb 2024-Present

- Resolved frontend and backend bugs in various projects ensuring seamless user experiences through collaborative efforts with cross-functional teams.
- Leveraged Azure's cloud infrastructure in tandem with Power BI's robust analytics capabilities to drive insights and streamline project workflows effectively.
- Successfully spearheaded a comprehensive data migration project for a prominent client, employing advanced data engineering techniques to seamlessly transition their data from legacy systems to modern platforms.

•RadicalX   *Remote*

Software Engineer Intern   Jun 2023- Nov 2023

- Contributed actively to the development of ReX, an innovative AI Coach at RadicalX, utilizing technologies such as OpenAI, Firebase, TensorFlow, Node.js, and React to provide personalized coaching and support for career development.

EDUCATION

•Motilal Nehru National Institute of Technology, Allahabad   *2020 - Present*

Bachelor of Technology in Computer Science and Engineering   CPI: 7.76 / 10

PROJECTS

–**Data Migration**

Comprehensive data migration project for a prominent client, employing advanced data engineering techniques.

  * **Tech stack used: Microsoft Fabric, PySpark, Python, SQL, DAX**
  * Performed Data Migration for a Client, to seamlessly migrate their architecture from Pentaho & Cognos to Microsoft Fabric.

–**Current State Assessment for Invoice subject matter**

Streamlining Business Intelligence: Transforming Cognos, SAP BO, and Tableau Reports into Power BI Insights

  * **Tech stack used: Python, SQL, Power BI, DAX, Microsoft Excel, SSIS, ADF**
  * Performed Data analysis for a Client, to migrate their reports from Tableau, SAP BO& Cognos to Power BI.

–**Uber Data Analysis | ⊙**

Conducted comprehensive exploratory data analysis to optimize predictive accuracy for 'Price' prediction.

  * **Tech stack used:Python, Machine Learning, Jupiter Notebook**
  * Conducted data analysis on an undisclosed dataset to predict Uber ride prices, assessing the impact of each field on pricing.

TECHNICAL SKILLS

–**Languages**: C++, Java, JavaScript, Python, C
–**Tools & Frameworks**:Azure, Power BI, GitHub, ReactJs, HTML, CSS, Express, NodeJs, Spark
–**Databases**: MySQL, Firebase, NoSQL, MongoDB

AREAS OF INTEREST

–Data Structures and Algorithms	–Database Management System
–Data Engineering	–Web Development
–Machine Learning	–Operation systems

POSITIONS OF RESPONSIBILITY

–I spearheaded a team tasked with executing a comprehensive project migration for a client under MAQ Software's purview.

–Maintaining the Database and the Site of MNNIT Alumni Association.