

Aditi Patel

Winnipeg, Canada



WORK EXPERIENCE

Data Engineer

Jul 2021 – Jun 2023

TransUnion | White Plains, NY

- Determined and predicted product and account level profitability in the Credit Card domain.
- Developed an analytical dashboard to view card profitability, resulting in improved decision-making.
- Automated manual tasks and reduced redundancy by 30% by implementing scripts and stored procedures.
- Built data pipelines and API integrations.
- Built data quality checks to ensure data integrity.
- Fostered collaborative working relationships with vendors to enhance project efficiency.
- Skills: Python, Java, JavaScript, React.js, Node.js, SQL Server, Oracle, SQL, SSMS, Git, Airflow and AWS, Hadoop

Software Developer Fall Intern

Nov 2020 – Jan 2021

Verisk Financial | White Plains, NY

- Developed a web-based dashboard with CRUD operations, effectively managing project SLAs and deliverables.
- Optimized SQL queries, leading to a 40% reduction in processing runtimes.
- Skills: Vue.js, Vuetify, Flask, Figma, SSMS, SQL Server, Java, and Oracle.

Software Developer Summer Intern

Jun 2020 – Aug 2020

Verisk Financial | White Plains, NY

- Created Python scripts to parse massive log files and improve operational efficiency.
- Skills: Python, Pandas, and Principles of functional programming.

EDUCATION

Master of Science in Computer Science

Sep 2019 - May 2021

University of Massachusetts, Boston | Boston, MA

- Relevant Coursework: Software Engineering with a capstone project, Database Application Development with JAVA, DBMS, Analysis of Algorithm, AI, Object-Oriented Design and Engineering, and Computer Programming. Graduated with a 3.98/4.0 GPA.
- Skills Learned: JavaScript, Python, Java, MySQL, MongoDB, Design Patterns

Bachelor of Engineering, Information Technology

Jun 2014 - May 2018

Gujarat Technological University | India

- Relevant Coursework: Data Structures, Analysis and Design of Algorithms, Database Management Systems, Operating Systems, Computer Graphics, Object-Oriented Programming, Software Engineering, Web Development, Data Mining, and AI. Graduated with a 9.25/10.00 GPA.
- Skills Learned: Java, Python, .NET, JavaScript, PHP, HTML, CSS, SQL, OOP, and Functional Programming.

TECHNICAL SKILLS

Databases	Oracle, SQL Server, MySQL, Postgres DB, Firebase, and MongoDB
Engineering	GraphQL, REST API, Design, Object-Oriented Programming, and Functional Programming
Frameworks	React, Redux, Node.js Next.js, Nest.js, Vue, Prisma, Flask, and Django
Languages	JavaScript, Typescript, Java, Python, PHP, HTML, and CSS
Tools	Git, Visual Studio, NetBeans, IntelliJ IDEA, Power BI, SSMS, and Docker

PROJECTS

Contributor

Open Source Project

- Actively contributing to prominent open-source projects such as Grafana Labs, Metabase, and Plane
- Technologies Used: React, Redux, JavaScript, Typescript, Go, Docker

Task Tracker

Personal Project

- Built an application to organize, add, and manage tasks. Deployed on Vercel
- Technologies Used: JavaScript, Vue, Vuetify, Firebase, Auth0, and Vercel

X-Blue-Bird

Personal Project

- Developed a simple Twitter clone web-based application.
- Technologies Used: JavaScript, Reactjs TypeScript, Nextjs, Supabase, tailwind CSS, and Vercel