Anaïs Cristina Mateus

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SOFTWARE ENGINEER

Innovative Full-Stack Software Engineer with 3 years of experience in the Fintech and Real Estate industry seeking a Software Engineer role. Proficiency in programming languages such as HTML, CSS, and JavaScript. A team player with strong communication skills and the ability to work in agile environments.

SKILLS

- **Programming Languages:**, HTML, CSS, JavaScript, Node.js, React.js, Python, PostgreSQL
- **Software:**, Metabase, Git, MongoDB

PROFESSIONAL EXPERIENCE

Software Engineer, Remote   August 2023 -
Resilient Coders
- Developed responsive websites using HTML and CSS to ensure optimal user experience and accessibility.
- Created full-stack applications using Node.js, React.js, and MongoDB.
- Collaborated closely with team members to brainstorm, design, and develop full-stack applications.
- Managed database creation and maintenance using MongoDB, ensuring data integrity and scalability for applications.
- Employed Agile methodologies, particularly Scrum, to manage project workflows efficiently, leading to increased productivity and timely project deliveries.
- Utilized Git and GitHub repositories for version control and collaborative coding, streamlining code management and teamwork.

Business Operations Analyst, New York, NY   December 2019 - September 2022
Notable Finance

- Performed quantitative analysis for 10,000+ borrowers to guide product and correspondence strategies, resulting in a 50% decrease in average response time and a 30% increase in the look-to-book ratio
- Collaborated with Engineering to build dashboards in Metabase from PostgreSQL databases, utilized by the operations, accounting and customer success teams on a daily basis
- Identified trends and implemented changes in Notable's identity verification process leading to a 70% decrease in application turnaround time
- Automated client ACH transfers, leading to a 300% increase in volume processed
- Investigated and resolved accounting and loan data discrepancies to ensure data quality and integrity
- Developed a Python-based web application to streamline loan operations data entry, saving an average of 30 minutes in daily application processing
- Presented weekly KPIs to senior and executive members
- Drafted and updated bi-weekly Service Level Agreement (SLA) report for key business partners

RELEVANT PROJECTS

Natural Language to SQL Query Translator
- Developed a Python program using OpenAI's API library, pandas library, and SQLAlchemy to translate natural language statements into SQL queries
- Designed for users who are not familiar with SQL syntax and want to query databases using natural language
- Utilized Pandas to clean and convert the provided data into a temporary database
- Integrated with OpenAI's API to generate SQL queries based on the user's input
- Used SQLAlchemy to execute the generated SQL queries and obtain results from the database

EDUCATION

International Relations, BA, The Pennsylvania State University, University Park, PA   August 2019

AWARDS

- Notable Finance Quarterly Values Award, April 2022