

Dhara Patel | Junior Software Engineer

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EDUCATION

Rutgers University, New Brunswick, NJ

Bachelor of Arts in Economics and Psychology

April 2022

Software Engineering Bootcamp at Fullstack Academy

May 2024 - August 2024

- Built and tested full-stack applications including an ecommerce platform with JavaScript, React, Node.js, PostgreSQL, and AWS, gaining hands-on experience with both frontend and backend development.
- Developed and optimized server-side logic for secure data handling, including designing and implementing RESTful APIs and service-based architectures to facilitate real-time data transactions.
- Employed PostgreSQL for complex data queries and efficient database management, optimizing backend performance and ensuring data consistency.
- Enhanced UI/UX by integrating animations using Aceternity UI on a personal portfolio, focusing on responsive and accessible design practices.
- Applied Agile methodologies and Git for version control, ensuring high-quality code and effective team collaboration and code integrity.

SKILLS

Javascript, Typescript, Python, SQL, Bash, React, Redux, Next.js, Node.js, Express, PostgreSQL, HTTP, REST API, AWS, ETL, Bloomberg Terminal, Sales, Product Development, Data Ingestion Pipelines, Debugging & Error Analysis

WORK EXPERIENCE

Bloomberg LP

Fixed Income Data Analyst - Global Data

Aug 2022 - Jan 2024

- Designed and optimized 15+ ETL schemas monthly to automate data ingestion workflows, accurately tracking cash flows from 10+ diverse sources, including remittance reports and prospectuses.
- Cleaned and corrected large datasets exceeding 100,000 entries for ESG, Credit Risk Retention, CMBS, and RMBS new issuance data.
- Conducted regular error analysis, code debugging, and code reviews, resolving 20+ logic test failures weekly using Bash scripting and Python.
- Collaborated cross-functionally with mortgage asset and engineering teams to troubleshoot and maintain mission-critical data pipelines.
- Resolved complex customer inquiries on mortgage assets (ABS, CLO, RMBS, CMBS), contributing to a 95% customer satisfaction rating.

Gravity Training Zone

Sales Manager

April 2016 - July 2021

- Streamlined products, reducing costs by 25% and increasing client retention.
- Spearheaded product innovation based on data-driven customer feedback
- Delivered persuasive sales presentations to groups of 8+ prospective clients, effectively communicating product value and addressing inquiries, averaging \$36K in monthly sales.
- Conducted 60-minute phone consultations, building strong client rapport to successfully close deals for high-value products, averaging \$75K in monthly sales.

Amazon Inc.

Certified seller of used textbooks

July 2017 - Aug 2019

- Generated over \$60,000 in revenue as an Amazon-certified seller of used textbooks.
- Built financial models to forecast profitability of investment purchases.
- Analyzed sales data to optimize growth strategies and reprice products for increased turnover.
- Reduced business expenses by 20% through regular accounting audits.