

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 optimized full-stack applications using 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.
 - Applied Agile methodologies, CI/CD practices, and Git version control to ensure high-quality code and promote effective team collaboration.
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PROJECT EXPERIENCE:

Ecommerce Platform:

- Built and tested a dynamic platform integrating React, Node.js, PostgreSQL, and AWS with a focus on component based architecture and responsive design with UI/UX best practices.
- Enhanced application performance and scalability through efficient backend logic.

Portfolio Project:

- Developed an interactive portfolio using Next.js, and Framer Motion & Aceternity UI for animations, focusing on responsive and accessible design practices.

SKILLS

Programming Languages: Python, JavaScript, SQL, TypeScript

Technologies: React, Next.js, Node.js, Express, PostgreSQL, AWS, REST API, OAuth, Bloomberg Terminal

Development Practices: Agile, Git, CI/CD, SDLC, Console Troubleshooting

Knowledge Areas: Data Structures, Algorithms, Cloud Computing, AI/ML Fundamentals

WORK EXPERIENCE

Bloomberg LP

Fixed Income Data Analyst - Global Data

August 2022 - January 2024

- Designed and automated data workflows by creating ETL schemas for tracking diverse datasets (Python, SQL)
- Conducted comprehensive debugging and logic failure resolution across large-scale data pipelines.
- Enhanced system reliability and performance by optimizing queries and automating error handling.
- Collaborated with engineering teams to maintain system resiliency and optimize data ingestion processes.
- Resolved complex customer inquiries on mortgage assets contributing to a 95% customer satisfaction rating.

Gravity Training Zone

Sales Manager

April 2016 - July 2021

- Enhanced product innovation and streamlined operational processes through data-driven analysis with a focus on customer feedback; resulting in a 25% cost reduction and increased client retention.

Amazon Inc.

Certified Seller of Used Textbooks

July 2017 - Aug 2019

- Generated over \$60,000 in revenue through strategic forecasting and data analysis.
- Optimized inventory turnover with data-driven pricing strategies.