Dhara Patel | Fullstack Software Engineer

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TECHNICAL SKILLS

Programming Languages: Python, SQL, JavaScript, TypeScript, JSON, HTML, CSS
Technologies: React.js, Next.js, Node.js, Express, Postgres, MongoDB, REST API, Docker, Flask, Redis
Cloud Platforms: AWS, Azure, Google Cloud Platform (GCP)
Development Practices: Agile, Jira, Git, CI/CD, SDLC, Automated Testing, Console Troubleshooting
Knowledge Areas: Data Structures, Algorithms, Software Integration, API Design, Big Data

EDUCATION

Software Engineering Program at Fullstack Academy   *May 2024 - August 2024*
○ *Designed and developed full-stack applications using JavaScript, React, Redux, Node.js, PostgreSQL, and AWS.*
○ *Built scalable systems with robust APIs and tested code for optimized performance.*
○ *Collaborated in Agile teams on weekly projects, including a Yelp clone and a book rental service, engaging in daily stand-ups, code reviews, and pair programming to deliver scalable and user-friendly applications.*

***Rutgers University**, New Brunswick, NJ*
Bachelor of Arts in Economics and Psychology. Double Major   *April 2022*

PROJECT EXPERIENCE:

Ecommerce Platform | Fullstack Capstone | In Progress | Started Aug 2024
- *Building a full-stack platform for a local small business with product browsing, secure user authentication, and streamlined order management. Employed React, Node.js, PostgreSQL, and TailwindCSS, focusing on ensuring robust security and performance to handle multi-vendor interactions efficiently.*
- *Leveraging data scraping tools to compile and maintain a dynamic, comprehensive product catalog.*

Portfolio Project | Independent | Continued Refinement Ongoing | Started Aug 2024
- *Developed an interactive portfolio showcasing frontend expertise featuring responsive design and engaging animations to enhance user experience.*
- *Utilized Next.js, TailwindCSS, and Framer Motion to develop a sleek, component-based architecture.*
- *View progress here: https://dharapatelportfolio.netlify.app/*

PROFESSIONAL EXPERIENCE

***Fullstack Software Engineering Consultant** | CodersGenie*   *December 2024 - Present*
○ Architecting a web-based AI chatbot to assist underserved communities with basic legal needs.
○ Designed scalable frontend and backend systems integrated with NLP and MongoDB datasets.
○ Optimized database schemas for storing legal FAQs and reusable templates, enhancing query efficiency.
○ Built RESTful APIs using Flask to streamline data retrieval and improve performance.
○ Containerized applications with Docker for consistent development and production environments.
○ Leveraged Redis caching to improve database query performance by 40%.
○ Collaborate in weekly standups to align on deliverables and share progress with cross-functional teams.

***Software Engineer - Backend** | Game Payy*   *November 2024 - Present*
○ Designed and deployed scalable backend infrastructure using Next.js, TypeScript, and Azure PostgreSQL.
○ Optimized backend performance by 30%, reducing query times through Azure PostgreSQL enhancements.
○ Developed REST APIs and employed microservices to support email delivery, user authentication, community functionality, and social media feeds.
○ Created comprehensive backend documentation to support QA processes and development workflows.
○ Followed SDLC best practices across all phases, including requirements gathering, implementation, testing, debugging, and maintenance.

Fixed Income Data Analyst | *Bloomberg LP - Global Data*   *August 2022 - January 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 (Python, SQL).
○ Conducted regular error analysis, code debugging, and code reviews, resolving 20+ logic test failures weekly.
○ Cleaned and corrected large datasets exceeding 100,000 entries for ESG, Credit Risk Retention, CMBS, and RMBS new issuance data.
○ Collaborated with engineering teams to enhance data ingestion processes and maintain system resiliency.
○ Resolved complex customer inquiries on mortgage assets, contributing to a 95% customer satisfaction rating.

Sales Manager | *Gravity Training Zone*   *April 2016 - July 2021*
○ Spearheaded product innovation based on data-driven customer feedback, which improved operational efficiency, reduced costs by 25%, and increased client retention.
○ 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.

E-commerce Business Owner | *Independent Seller on Amazon*   *July 2017 - Aug 2019*
○ Optimized inventory turnover with data-driven pricing strategies and inventory management.
○ Generated over $60,000 in revenue as an Amazon-certified seller of used textbooks.
○ Built financial models to forecast profitability, reduced expenses by 20**%**, and maintained a 5-star customer rating.