JHANVI PATEL

pateljhanvizaq@gmail.com | (732)762-3278 | Linkedin | Github | Portfolio | Boston, MA

EDUCATION

Northeastern University, Boston, MA | GPA: 3.68   **May 2024**
Master of Professional Studies, Informatics, Major in Cloud Computing (Humanics Awardee)
• Cloud Architecting, Network and Cloud Security, Web-Technology, System Design and Development

MBIT Institute, Gujarat Technological University, Gujarat, India | GPA: 3.78   **Aug 2021**
Bachelor of Computer Engineering
• Database Management, Computer Networking, Data Structures and Algorithms, Operating Systems

SKILLS

AWS: S3, EC2, SNS, RDS, SQS, IAM, Lambda, CloudWatch, Cloud Formation, Athena, AutoScaling, VPC
Programming Language and Database: Python, JavaScript, Java, OOP-concept, MySQL, GraphQL, DynamoDB
Tools: GCP Big Query, Docker, Terraform, Git, GitHub, Linux, ReactJS, Gatsby, Figma, Trello, Netlify

EXPERIENCE

Breathing.Ai   **Aug 2023 - Jan 2024**
Software Engineer Intern (Python, TypeScript, ReactJS, NextJS)   New York City, New York
• Developed interactive Chrome extension timely breaks components improving user wellness and impacting about 57% in reducing the negative effects of prolonged screen time.
• Designed and fixed company's B2B login page and authentication process to enhance user experience and security
• Synced breathing GIF with user patterns on RPPG screen, providing respiratory feedback via face detection
• Implemented secure payment methods and coupon codes with StripeAPI, optimizing B2B subscription models
• Translated mental health software and extension pop-up into Spanish, expanding reach to 21 countries
• Redesigned project with UI/UX team using React and Tailwind, improving web extension technical enhancements
• Conducted code reviews, provided troubleshooting, and managed Trello task cards for agile project management

Brainstorm Media House   **Aug 2021 - Nov 2021**
Web Full Stack Developer (JavaScript, ReactJS, HTML, CSS)   Pune, India
• Improved design of the company's website adding functionality like hovering visual images and graphics
• Worked with the agile team to discuss further design and functionality of user engagement on website
• Incorporated RESTful APIs in the system to optimize caching and bounce rate problems by 48%

PROJECTS

Gen-AI Chatbot for Procurement, Northeastern Inclusive Lab   **Jan 2024 - Apr 2024**
• Led and developed a Gen-AI chatbot with OpenAI API integration for supplier diversity procurement
• Used LLM model Lang chain for creating generative responses and stored in Pinecone database
• Crawled data from 50+ webpages across 10 websites using Beautiful Soup, Python (Flask), and SQL

Crypto Analysis with Cloud, Northeastern University   **Jan 2024 - Mar 2024**
• Integrated live crypto API (Coin Gecko, Coin base) to fetch real-time data on Prices, Volume, Market Cap
• Implemented AWS Lambda with HTTPS requests, JSON data parsing; and storing 23000+ data objects in the S3 bucket, visualized the data on Prices and market cap to make it for users to predict
• Analyzed data with AWS Athena and SQL queries and created visualizations with AWS Quicksight

Rock-Paper-Scissors Game, Northeastern University   **Jan 2023 - Apr 2023**
• Conducted in-depth game design and analysis to develop an engaging "rock-paper-scissors" game playing against the computer, using HTML, CSS, and JavaScript
• Developed dynamic game logic, including user input handling, CPU choice generation, and real-time scoring