

JHANVIPATEL

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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 BeautifulSoup, 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