

# JHANVI PATEL

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## EDUCATION

**Northeastern University, Boston, MA | GPA: 3.68** **May 2024**

Master of Science, Informatics (Humanics Awardee)

- Cloud Architecting, Network and Cloud Security, Web-Technology, System Design and Development

**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

**Programming Languages:** JavaScript, Python, Java, OOP-concept, HTML/CSS, TypeScript

**Libraries:** ReactJS, NodeJS, Express.js, Bootstrap, jQuery, Beautiful Soup, HTTP Requests, Pandas

**Database:** MySQL, AWS(RDS)

**Tools:** AWS( S3, Lambda, EC2, IAM, CloudWatch), RESTAPIs, GitHub, Figma, Trello, Jira

## EXPERIENCE

**Draxle Startup (Contract)** **Aug 2024 - Present**

**Frontend Developer** (Magento, JavaScript, Bootstrap, PHP, Figma) **Boston (Remote)**

- Built and optimized a responsive front-end using **Magento, JavaScript, HTML**, and **CSS**, enhancing user experience for the car service platform
- Utilize **PHP** for backend development, integrating with **SQL** for database management to ensure seamless data flow and application functionality
- Integrate **Bootstrap** for responsive layout of the website based on screen size and orientation, ensuring a consistent user experience across devices
- Collaborate with cross-functional teams to develop and implement complex UI features in **Figma**, driving projects from concept to production, and ensuring seamless user experiences

**Breathing. Ai** **Aug 2023 - Jan 2024**

**Software Engineer Intern** (ReactJS, NextJS, Python, SQL) **New York (Remote)**

- Built frontend with **TypeScript** for core features for mental health software including break reminders and screen color filters
- Enhanced front-end functionality with **ReactJS, NextJS, Tailwind CSS** optimizing app performance and elevating UI/UX, which led to increased user engagement
- Developed data-driven analytics dashboard using **SQL** and **Pandas** to monitor user screen habits, facilitating insights that led to improved user experience
- Contributed to heart-rate detection via **Random Forest** and **Image processing**, enabling personalized health insights for users
- Integrated **Stripe API** for payment function for company's B2B application; translated software and B2B app into Spanish
- Coordinated with **Agile(Scrum) Team** to deliver regular updates, Reviewed team code and provide troubleshooting guidance

## PROJECTS

**Gen-AI Chatbot for Procurement, Northeastern Inclusive Lab (OpenAI, Python)** **Jan 2024 - Apr 2024**

- Led the development of a **GenAI** chatbot with **OpenAI API, LangChain**, and **Pinecone**, building the web application using **Python Flask** and **AWS Lambda** for scalable, serverless execution.
- Implemented data retrieval and web scraping with **Beautiful Soup**, enhancing chatbot responses with up-to-date, relevant information.

**Crypto Analysis with Cloud (AWS, S3, JavaScript)** **Jan 2024 - Mar 2024**

- Integrated CoinGecko and Coinbase APIs with **AWS Lambda** to fetch real-time crypto data, including prices, volume, and market cap, storing 23,000+ records in **S3**.
- Utilized **AWS Athena, Glue, QuickSight**, and **SQL** to analyze and visualize key metrics, enabling insightful crypto data interpretation.