

JHANVI PATEL

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EXPERIENCE

Draxle (Startup)

Aug 2024 - Present

Frontend Developer (Magento, JavaScript, Bootstrap, PHP, Figma)

Boston (Remote)

- Developed a responsive front-end using **Magento, JavaScript, HTML**, and **CSS**, enhancing user experience by 83% for the car service platform.
- Built and optimized backend functionalities using **PHP and SQL**, managing a database of 1000+ service records, seamless data flow, application performance.
- Integrated **Bootstrap** for responsive UI, ensuring a consistent cross-device experience across 15+ screen sizes
- Reviewed and enhanced **UI/UX** designs in **Figma**, resolving usability issues, optimizing frontend workflows.
- Conducted **software development testing** to identify bugs, performance bottlenecks, and UX/UI inconsistencies, ensuring a flawless production deployment.
- Developing a scalable user authentication system for service providers, integrating **REST API** with **OAuth-based** authentication and **Google Maps API** for secure address autofill and faster user onboarding.

Breathing. Ai

Aug 2023 - Jan 2024

Software Engineer Intern (ReactJS, NextJS, Python, SQL)

New York City

- Developed core mental health software features, including break reminders and screen color filters, using **ReactJS**, **NextJS** and **Typescript** optimizing app performance by 72%.
- Built an analytics dashboard using **SQL** and **Pandas** to monitor user screen habits, facilitating insights that led to targeted app enhancements
- Contributed to heart-rate detection via **Random Forest** and **Image processing**, enabling personalized health insights for users.
- Integrated **Stripe API** for payment functionality, enabling seamless transactions for 200+ B2B users; translated the application into Spanish and build EN/ES toggle to switch languages.
- Delivered updates within an **Agile(Scrum)** environment, achieving 94% on-time sprint completion rate; reviewed team code and resolved 50+ reported issues.

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**, automating procurement assistance and reducing manual workload by 79% using a **Python Flask** and **AWS Lambda** web application.
- Implemented data retrieval and web scraping with **Beautiful Soup**, enhancing chatbot responses accuracy by 93% with real-time procurement insights.

Online Medical Services Cloud Solution(AWS-EC2, S3, RDS, IAM, CloudWatch, VPC)

Aug 2023 - Dec 2023

- Designed a multi-tier distributed system with **EC2 Auto Scaling**, **RDS**, and **VPC (NAT Gateway)** for high availability, fault tolerance, and safe communication; **ELB**, **Route 53 & API Gateway** ensured reliable traffic management.
- Optimized security and performance with **IAM roles** (access control), **CloudTrail** (auditing), and **ElastiCache** (caching), achieving a 77% faster response time. Monitored system health via CloudWatch, storing logs in **S3 and Glacier** for compliance.

Online Bakery with Cloud (JavaScript, Python, AWS)

Aug 2023 - Dec 2023

- Developed an e-commerce bakery platform using **JavaScript** for the frontend and **Python Django** for the backend, with **SQLite** as the database for efficient data storage and retrieval.
- **Deployed on AWS (S3, EC2, Route 53, ELB)**, optimizing server response time and reducing page load latency by 47% through caching and load balancing.

SKILLS

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

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

Database: MySQL, DynamoDB, AWS(RDS)

Tools and technologies : AWS(S3, Lambda, EC2, IAM, CloudWatch), RESTAPIs, HTTP, GitHub, Linux, Figma, Jira

EDUCATION

Northeastern University, Boston, MA | GPA: 3.68

May 2024

Master of Science, Informatics (Humanics Awardee)

- Cloud Architecting, Enterprise Architecture, Web-Technology, System Design and Development

Gujarat Technological University, Gujarat, India | GPA: 3.78

Aug 2021

Bachelor of Computer Engineering