

Jishva Shah

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Work Experience

Software Engineer, Breathing.Ai, New York, NY

June 2024 – June 2025

- Spearheaded the end-to-end deployment of Stripe API feature for B2C clients to handle payments and enabling premium user features using TypeScript and PostgreSQL increasing conversion rates by 25%.
- Engineered a productivity feature in a Chrome extension overcoming the challenge of synchronizing dynamic user activities across sessions by utilizing React JS and Context API to deliver a highly performant solution.
- Executed end-to-end testing of Stripe API through the Stripe dashboard and local environment to troubleshoot and resolve bugs, ensuring robust CI/CD pipelines with Docker, resulting in fewer deployment errors.

Graduate Teaching Assistant, Northeastern University, San Jose, CA

Feb 2023 – Apr 2024

- Mentored 60+ students, enhancing their networking, operating systems skills, and improving algorithmic and problem-solving abilities by 75% through continuous recitation sessions.

Software Engineer Intern, Inforaam, IN

Feb 2021 – Jul 2021

- Championed the introduction of 5 key features for a healthcare application, achieving a 20% rise in user engagement by enabling secure registration/login and streamlined user data using data-driven insights.
- Developed a Spring Suite microservices architecture, boosting app performance by 40% and enhancing cross-team collaboration through automated workflows and proactive stakeholder management.
- Orchestrated the creation of a comprehensive data dictionary with 7 collections using JDBC and Spring Suite in Java, streamlining data organization and accessibility.
- Contributed to the website's user interface implementation with HTML, CSS, Bootstrap, JavaScript frameworks, and jQuery, ensuring a visually appealing and responsive platform.

Education

M.S. Computer Science, Northeastern University, San Jose, CA

Aug 2017 – May 2024

Related Coursework: Machine Learning, Algorithms, Programming Design Paradigm, DBMS, Web Development, Cloud Computing, Foundations of Software Engineering, Advance Software Development

B.E. Computer Engineering, Gujarat Technological University, India

Aug 2017 – Jul 2021

Projects

LLM-Assisted Compatibility App using Django and Gemini API

- Developed an LLM-assisted error image testing application using Google's Gemini API and Django, supported by AWS and PostgreSQL for efficient database management.
- Implemented advanced security measures leveraging React.js for the frontend and Python for the backend, utilizing AWS EC2 and S3, showcasing strong proficiency in web application development and cloud services integration.

University Review Website Using React.js and Spring Boot

- Generated responsive UI components in Figma integrated with development using Redux, reducers and Context API in React, employing object-oriented design principles for a scalable architecture.
- Strengthened backend functionality in Spring Boot in Java by implementing secure authentication using JSON Web Tokens (JWT) and Bcrypt, effectively managing technical issues and stakeholder expectations.

Recipe Vault Application Using MERN Stack

- Engineered scalable API endpoints in Node.js, enabling streamlined recipe management, including creation, liking/disliking, and saving. Implemented CRUD operations in MongoDB, seamlessly integrating with React frontend components.
- Led the end-to-end deployment on Render, making the application live, available for users, and optimized for performance and responsiveness.

Technical Skills

Languages: Java, JavaScript, Python, R, SQL, C++, HTML/CSS

Frameworks/Tools: Spring Boot, Hibernate, React.js, Node.js, Express.js, GitHub, Bootstrap, pgAdmin4, JIRA

Databases: MySQL, MongoDB (NoSQL), Oracle Database, SQLite, Redis, PostgreSQL, AWS S3

Skills: Agile Software Development, Software Documentation, Object Oriented Design, CI/CD, SDLC Life Cycle