

Jishva Shah

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Education

M.S. Computer Science, Northeastern University, San Jose, CA (GPA 3.8/4.0)	Aug 2022 – May 2024
Related Coursework: Algorithms, Programming Design Paradigm, Machine Learning, DBMS, Web Development, Cloud Computing, Foundations of Software Engineering, Advance Software Development	
B.E. Computer Engineering, Gujarat Technological University, Ahmedabad, India (GPA: 9.29/10.0)	Aug 2017 – Jul 2021

Technical Skills

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

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

Work Experience

Software Engineer Intern, Breathing.AI, New York, NY	June 2024 – Present
<ul style="list-style-type: none">Programmed and implemented a Stripe API feature for B2C clients to handle payments and enable premium user features using TypeScript and PostgreSQL increasing subscription conversion rates by 25%.Engineered a productivity feature in a Chrome extension using React JS and Context API to enhance performance and synchronize user's daily activities, resulting in 30% improved user engagement and efficiency.Tested Stripe API through the Stripe dashboard and local environment to troubleshoot and resolve bugs, ensuring continuous integration and deployment with Docker reducing deployment errors by 40%.	
Graduate Teaching Assistant, Northeastern University, San Jose, CA	Feb 2023 – Apr 2024
<ul style="list-style-type: none">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, Ahmedabad, IN	Feb 2021 – Jul 2021
<ul style="list-style-type: none">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 management 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.	

Academic 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 secure 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.

Medical Assistant Using Spring suite in Java

- Created user-friendly digital platform offering convenient access to health-related information. Utilized Spring suite architecture and Maven in Java for robust backend processes, and MySQL for effective database management.
- Implemented advanced security measures, leveraging JavaBeans, Maven, and MySQL, ensuring robust protection for the web development of the application. Developed frontend pages using HTML, CSS, JavaScript, JSP Servlet, and XML.