

Jishva Shah

Software Engineer

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SUMMARY

Software Engineer with 3 years of experience in designing, developing, and deploying scalable web applications. Proficient in backend development, frontend frameworks, and database management, with expertise in technologies like Java, JavaScript, Spring Boot, React.js, Angular, Node.js, and SQL/NoSQL databases. Skilled in cloud platforms (AWS, Azure), API development, DevOps practices, and CI/CD pipelines. Passionate about writing clean, maintainable code and collaborating in agile environments to drive innovation, security, and efficiency in software solutions.

PROFESSIONAL EXPERIENCE

Software Engineer, Breathing.AI

June 2024 – Present | NY

- Led the end-to-end integration and deployment of Stripe API for B2C clients, enabling seamless payment processing and premium user features using TypeScript, PostgreSQL, and Express.js, increasing conversion rates by 25%.
- Developed a productivity enhancement feature in a Chrome extension, optimizing session synchronization for dynamic user activities with React.js, Context API, and Next.js, ensuring a smooth and responsive user experience.
- Conducted comprehensive testing and debugging of Stripe API within both the Stripe dashboard and local environments, enhancing reliability and streamlining CI/CD pipelines with Docker, reducing deployment errors.

Graduate Teaching Assistant, Northeastern University

Feb 2023 – Apr 2024 | CA

- Assisted in delivering software development and cybersecurity courses, helping over 60 students gain hands-on experience with industry-relevant tools and frameworks.
- Conducted interactive coding workshops focused on Java, JavaScript, and backend development, leading to a 25% improvement in students' coding efficiency and problem-solving skills.
- Evaluated assignments and projects, providing detailed feedback that helped students enhance their understanding of secure coding practices, debugging techniques, and software engineering principles.
- Developed structured technical documentation and step-by-step tutorials, making complex programming concepts more accessible and reducing student queries by 40%.

Software Engineer, Accenture

Jun 2020 - Aug 2022 | India

- Designed, developed, and maintained full-stack enterprise applications using Java, Spring Boot, React.js, and Angular, resulting in a 15% improvement in system performance and efficiency.
- Built and optimized RESTful APIs that facilitated seamless communication between microservices, improving data exchange speed and ensuring system reliability.
- Analyzed and optimized database queries and backend logic, reducing query execution time by 40% and enhancing overall system scalability.
- Implemented and automated deployment pipelines with Jenkins and Kubernetes, which cut deployment failures by and accelerated release cycles.
- Collaborated with cross-functional teams, including designers, product managers, and security specialists, to develop solutions aligned with business needs, leading to increase in project delivery speed.
- Followed secure coding practices and OWASP guidelines, proactively identifying and mitigating vulnerabilities, which resulted in zero critical security breaches throughout project lifecycles.
- Integrated third-party APIs and services into enterprise applications, improving system interoperability and expanding product functionality without compromising performance.
- Led the migration of legacy applications to modern frameworks and cloud platforms, reducing infrastructure costs by 30% and improving maintainability.

EDUCATION

Master of Science in Computer Science

Northeastern University, San Jose, CA

Aug 2022 – May 2024

Bachelor of Engineering in Computer Engineering

Gujarat Technological University, India

Aug 2017 – Jul 2021

SKILLS

Programming & Scripting: Java, JavaScript, TypeScript, Python, R, SQL, C++
Frontend Development: React.js, Next.js, HTML5, CSS3, Bootstrap, Tailwind CSS
Backend Development: Express.js, Spring Boot, Hibernate, RESTful APIs, Microservices
Database Management: MySQL, PostgreSQL, MongoDB (NoSQL), Oracle Database, SQLite, Redis, pgAdmin4
Cloud & DevOps: AWS (S3, EC2, Lambda, RDS), Docker, Kubernetes, CI/CD (Jenkins, GitHub Actions)
Version Control & Collaboration: Git, GitHub, GitLab, Bitbucket
Software Development & Design: Object-Oriented Design (OOD), Agile Software Development, SDLC, Software Documentation

Security & Performance: Secure Coding Practices, OWASP, Authentication & Authorization (OAuth, JWT), Performance Optimization

Project Management & Tools: Jira, Confluence, Postman, Swagger

Soft Skills: Problem-Solving, Analytical Thinking, Communication, Collaboration, Leadership, Mentorship, Time Management, Adaptability, Attention to Detail

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.