

Het Ashwinbhai Patel

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EDUCATION

Northeastern University , <i>Master of Science in Information Systems</i> , GPA: 3.61 <i>Relevant Coursework: Web Development & Testing, Data Structures and Algorithms</i>	Expected May 2025 <i>Boston, MA</i>
Gujarat Technological University , <i>B.E. Computer Science</i> , GPA: 3.76 <i>Relevant Coursework: Core Java, Object Oriented Programming(OPP)</i>	Aug 2016 – Jun 2020 <i>Gujarat, India</i>

TECHNICAL SKILLS

Programming Languages	Java, Python, C++, Golang, HTML, CSS, JavaScript, Typescript, SQL
Web Technologies	React, Node.js, Spring Framework, REST API, MVC, JUnit, Selenium, GraphQL
Database & Cloud	MySQL, PostgreSQL, NoSQL(MongoDB, Redis), Git, AWS, Docker, Kafka, Jenkins
Tools & Methodologies	LLM tools, Postman, Test-Driven Development(TDD), Agile, Software Development Cycle

WORK EXPERIENCE

Software Engineer <i>Silver Webbuzz Private Limited</i>	Sep 2021 – Aug 2023 <i>Gujarat, India</i>
<ul style="list-style-type: none">Developed a Node.js media pipeline utilizing AWS EC2, S3, and CloudWatch, maintaining a throughput of 50 files per minute and lowering storage costs by 40%Initiated Docker & Jenkins CI/CD integration for a Node.js app, cutting deployment time by 75%Collaborated with team of 5 to develop a e-procurement platform using Spring Boot, PostgreSQL, and DockerLed unit testing and debugging of said Spring Boot app using JUnit & Mockito, accelerating delivery by 2 weeksDesigned a React & TypeScript e-commerce platform, deployed with S3, CloudFront, and Route 53, achieving a 4.9/5 rating in a client satisfaction surveyAutomated PDF data extraction for a healthcare platform using Python & GPT-4 LLM, reducing manual entries by 78%	
Software Engineering Intern <i>ShineStar Web Solutions</i>	Dec 2019 – Apr 2020 <i>Gujarat, India</i>
<ul style="list-style-type: none">Authored invoicing feature for Fintech app with React, Node.js, & MongoDB, processing 500+ daily invoicesSpearheaded Selenium automation for cross-browser testing in the React app, increasing test coverage by 65%Coordinated with UI/UX team to redesign 7+ key features utilizing React & MUI for a better user experienceLeveraged Docusaurus to craft technical documentation for React & Node.js codebases for developer support	

PROJECTS

LeaseNest (Link) <i>Java, Spring Boot, PostgreSQL, AWS S3, Kafka, Microservices</i>	Sep 2024 – Present
<ul style="list-style-type: none">Conceptualized a leasing platform with a microservices architecture, developed using Spring Boot and PostgreSQLStreamlined communication between 4 services by leveraging Kafka for real-time updatesIntegrated secure product image uploads with AWS S3, ensuring reliable storage and easy access for users	
Chat-Stream (Link) <i>Node.js, Kafka, Redis, PostgreSQL, React, TypeScript</i>	Jun 2024 – Jul 2024
<ul style="list-style-type: none">Coded a real-time chat application with Socket.io, Node.js, and React; increasing real-time interactivityBuilt a high-throughput messaging pipeline with Kafka and Redis, reducing system downtime by 20%Optimized data storage with PostgreSQL for efficient user data handling, minimizing latency by 40%	
Climate Care (Link) <i>React, Typescript, Node.js, MongoDB, Redux, MUI, D3.js</i>	Mar 2024 – Apr 2024
<ul style="list-style-type: none">Guided a team of 3 to build a MERN stack climate awareness app following Agile Scrum methodologyImplemented JWT for secure role-based authentication; improving user-access control and system securityFacilitated deployment of Node.js code on AWS Lambda and React on GitHub Pages through GitHub Actions	
Personal Portfolio (Link) <i>NextJs, Typescript, Github Actions, TailwindCSS, GSAP</i>	Jan 2024 – Feb 2024
<ul style="list-style-type: none">Revamped personal portfolio with Next.js and TypeScript, utilizing server-side rendering(SSR) for better SEOAchieved load time reduction from 600ms to 250ms by utilizing React Suspense and lazy loading for code-splittingEstablished CI/CD pipeline via GitHub Actions, decreasing code deployment time by 60%	