

Jay Bhatt

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EDUCATION

University of North Carolina at Charlotte

Master of Science in Computer Science - (GPA: 3.9/4.0)

Aug 2021 - May 2023
Charlotte, NC, United States

University of Mumbai

Bachelor of Engineering in Information Technology

Aug 2016 - Oct 2020
Mumbai, MH, India

WORK EXPERIENCE

American Tire Distributors, Huntersville, NC | Software Engineer

Jan 2024 - Present

- Formulated high-performance REST APIs handling 10,000 requests per minute by implementing multithreading, MongoDB indexing, and completable future async calls, optimizing response times by 35%
- Streamlined logging and monitoring by 80% with Spring Aspect Oriented Programming(AOP), enhancing codebase maintainability and reducing redundancy
- Orchestrated robust automation scripts and cron jobs using Python, reducing manual data processing time by 75% and increasing overall team productivity by 30%
- Developed Spring Cloud Data Flow streams to consume Kafka data and load it into MongoDB. Applied Groovy scripts for transformations and filtering, improving processing efficiency by 40%
- Facilitated a 20% increase in project efficiency through cross-functional collaboration, root cause analyses, and continuous improvement initiatives

Cyberdetect Solutions, Boston, MA | Web Developer Intern | <https://cyberdetectsolutions.com/>

Jan 2024 - Jan 2024

- Engineered the company website using a robust tech stack, including TypeScript, React JS, Next JS, Tailwind CSS, Redux, and Material UI, resulting in a 30% improvement in site performance and a 20% increase in user engagement
- Conducted exhaustive analysis of functional and non-functional requirements utilizing Figma, resulting in the successful development of a fully compliant application that met 100% of specified requirements

Realty Pillar Pvt. Ltd, Mumbai, India | Software Engineer

Jun 2020 - Jul 2021

- Collaborated with a team of engineers to develop a user-friendly and responsive web application enabling 100+ clients to manage ongoing real estate development project
 - Championed the creation of a report automation module with React and Node, leading to a 20% increase in revenue
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CERTIFICATIONS

AWS Certified Developer- Associate | [view badge](#)

- Attained potency in developing, debugging, and deploying applications using AWS cloud infrastructure services

PriceFx Configuration Engineer | PriceFx

- Validated expertise in configuring and implementing advanced pricing solutions using the Pricefx platform using Groovy
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TECHNICAL SKILLS

- **Programming Languages:** TypeScript, JavaScript, Java, Groovy, SQL, Python
 - **Web Technologies:** Springboot, FastAPI, HTML5, CSS3, ES6, Tailwind CSS, Next.js, React, Redux, Node, JSON, XML
 - **Testing Frameworks:** JUnit, Mockito
 - **Database:** NoSQL, SQL, PostgreSQL, MySQL, MongoDB, Firestore
 - **Tools:** Git, Github, Maven, Swagger, Docker, Kubernetes, Figma, IntelliJ IDE, Visual Studio Code, Postman, Grafana
 - **Concepts:** Object-oriented programming, Functional Programming, Agile, MVC, REST API, Test-driven development
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PROJECTS

SnapGlimpse | [Live Demo](#) | [Github](#) | Technologies: *TypeScript, HTML5, Tailwind CSS, React, Next.js 13, GraphQL, StepZen*

- Developed a web application with a responsive frontend UI, swiftly aggregating and showcasing news from 4 nations, 7000+ sources, and 13 languages in real-time through integration with an external API

Transcriptify | [Live Demo](#) | [Github](#) | Technologies: *TypeScript, Nextjs 14, Tailwind CSS, Assembly AI, Figma, Axios, Redux*

- Crafted a speech-to-text full-stack web application allowing users to transcribe audio/video files, potentially impacting millions by facilitating content creation, analysis, and regulation control