JAY BHATT

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EDUCATION

University of North Carolina at Charlotte   Aug 2021 - May 2023
Master of Science in Computer Science - (GPA: 3.9/4.0)   Charlotte, NC, United States

University of Mumbai   Aug 2016 - Oct 2020
Bachelor of Engineering in Information Technology - (GPA: 7.84/10)   Mumbai, MH, India

WORK EXPERIENCE

Cyberdetect Solutions, Boston, MA | https://cyberdetectsolutions.com/   Nov 2023 - Present
- 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
- Pioneered the initiation and meticulous gathering of project requirements independently, laying the groundwork for a responsive and engaging website that serves as the cornerstone for Cyberdetect Solutions's online presence
- Coordinated seamlessly with the design team through Figma, ensuring a visually appealing and user-friendly interface
- Managed ongoing updates and enhancements, implementing 15 client-driven changes and strategically planning for future feature additions to align with evolving business needs

University of North Carolina at Charlotte, Charlotte, United States | Instructional Assistant   Aug 2022 - May 2023
- Delivered effective instruction in lab sessions for a group of 40+ students and graded 120+ student assignments per week**,** ensuring prompt feedback and a thorough understanding of the material through effective communication

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
- Leveraged Continuous Integration and Delivery (CI/CD) pipeline to automate developer tasks, boosting efficiency by 15%
- Achieved rapid and timely feature delivery using scrum agile methodology, yielding a 50% increase in client satisfaction

CERTIFICATION

AWS Certified Developer- Associate | [view badge](#)
- Attained potency in developing, debugging, and deploying applications using AWS cloud infrastructure services

TECHNICAL SKILLS

- **Programming Languages**: TypeScript, JavaScript, Java, SQL, Python
- **Web Technologies:** HTML5, CSS3, ES6, Tailwind CSS, SASS, Next.js, React, Redux, Node, JSON, XML, Shadcn/UI
- **Testing Frameworks:** Jest, Mocha
- **Database:** NoSQL, SQL, PostgreSQL, MySQL, MongoDB, Firestore
- **Tools/OS:** Git, Github, Docker, Figma, Eclipse IDE, Visual Studio Code, Postman, Linux, Windows
- **Concepts:** Object-oriented programming, Functional Programming, Agile, MVC, REST API, Test-driven development

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*
- Engineered 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

Entity REST API | [Swagger playground](#) **|** [Documentation](#) **|** Technologies: JavaScript, Node.js, Express.js, Azure, Swagger
- Built a developer-friendly backend RESTful API that seamlessly grants access to Azure cognitive services, eradicating the need for user configuration and boosting efficiency by 100%