

JAY BHATT

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EDUCATION

The 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

- **Relevant Courses:** System Integration, Mobile Application Development, Network-based Application Development, Data Structures and Algorithms, Parallel Computing, Big Data Analytics for Competitive Advantage

University of Mumbai

Bachelor of Engineering in Information Technology

Aug 2016 - Oct 2020
Mumbai, MH, India

CERTIFICATION

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

- Attained potency in Lambda, EC2, ECS, API Gateway, Elastic Beanstalk, kinesis, SQS, SNS, and 20+ additional services
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TECHNICAL SKILLS

- **Programming Languages:** Java, C#, TypeScript, JavaScript, SQL
 - **Cloud/Web Technologies:** HTML, CSS, Tailwind CSS, SASS, J2EE, Spring Boot, Next.js, React, Node.js, REST API, JSON, XML
 - **Testing Frameworks/Build tools:** Jest, Mocha, JUnit, Mockito, Maven, Gradle, Webpack
 - **Database:** PostgreSQL, MongoDB, Firestore, MySQL
 - **Tools/OS:** Git, Github, Docker, Eclipse IDE, Visual Studio Code, Android Studio, Postman, Linux, Windows
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WORK EXPERIENCE

The University of North Carolina at Charlotte

Instructional Assistant

Aug 2022 - May 2023
Charlotte, NC, United States

- 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.

Software Engineer

Jun 2020 - Jul 2021
Mumbai, MH, India

- 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
 - Leveraged Continuous Integration and Delivery (CI/CD) pipeline to automate developer tasks, boosting efficiency by 15%
 - Executed unit testing and integration testing, maintaining 80% code coverage
 - Achieved rapid and timely feature delivery using scrum agile methodology, yielding a 50% increase in client satisfaction
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PROJECTS

SnapGlimpse – Delivering Instant News Insights! | [Live Demo](#) | [Github](#)

Sep 2023 - Sep 2023

Technologies: TypeScript, HTML5, Tailwind CSS, React, Next.js 13, GraphQL, StepZen

- Developed a news web application, swiftly aggregating and showcasing news from 4 nations, 7000+ sources, and 13 languages in real-time through integration with an external API
- Orchestrated the implementation of a data caching mechanism for static content, routinely revalidating to curtail external API calls, thereby reducing operational costs by 30%
- Empowered users to effortlessly customize their news feed by searching with keywords and categorizing content across seven distinct categories

TaskMaster Web Application

May 2023 - Jun 2023

Technologies Used: Core Java, Spring Boot, Hibernate, Postgres, HTML5, CSS3, JavaScript, React, Bootstrap

- Engineered a responsive front-end using React, integrating it with the backend API to display data and deliver features
- Implemented a RESTful API for managing TODO tasks, involving the execution of CRUD operations
- Performed authentication and authorization using Spring Security and Spring JWT, ensuring secure access to the application's features
- Pioneered the implementation of unit and integration tests, enhancing maintainability by 60%