JAY BHATT

+1 (980) 267-6925 | [jaybhatt2502@gmail.com](mailto:jaybhatt2502@gmail.com) | [linkedin.com/in/jaybhatt02](http://www.linkedin.com/in/jaybhatt02) | [portfolio](https://jay-bhatt-portfolio.web.app/) | Charlotte, NC, United States

# EDUCATION

**The 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

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

**University of Mumbai** Aug 2016 - Oct 2020

Bachelor of Engineering in Information TechnologyMumbai, MH, India

# CERTIFICATION

**AWS Certified Developer- Associate |** [view badge](https://www.credly.com/badges/4d6d2174-9f25-4fc9-bf77-797aa682f78c/public_url)

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

# TECHNICAL SKILLS

* **Programming Languages**: Java, C#, TypeScript, JavaScript, C++, SQL
* **Cloud/Web Technologies:** AWS, HTML, CSS, SASS, J2EE, Spring Boot, React JS, Node JS, REST API, JSON, XML
* **Testing Frameworks/Build tools:** Jest, 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

# WORK EXPERIENCE

**The University of North Carolina at Charlotte** Aug 2022 - May 2023

*Instructional Assistant* Charlotte, NC, United States

* Delivered effective instruction in lab sessions for a group of 40+ studentsand graded 120+ student assignments per week**,** ensuring prompt feedback and a thorough understanding of the material through effective communication

**Realty Pillar Pvt. Ltd.** Jun 2020 - Jul 2021

*Software Engineer Mumbai, MH, India*

* Collaborated with a team of engineers to developa user-friendly and responsive web application enabling 100+ clients to manage ongoing real estate development project
* Leveraged 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

# PROJECTS

**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
* Orchestrated 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%

**ScheduleWizard++** Sep 2022 - Dec 2022

**Technologies Used:** *JavaScript, HTML5, CSS3, Node.js, Express JS, React, GCP*

* Developed a user-centric full-stack web application to automate the extraction of class schedule information from images and synchronization of user-selected classes to Google Calendar,resulting in a 75% reduction in effort for users
* Led the design and development of the web application's frontend and backend, resulting in a user-friendly interface with a 90% satisfaction rate among users
* Directed the work of the team of 4 students using Agile and Scrum methodologies to ensure the project's timely completion and strong collaboration