

# Navya Vejalla

[navyavejalla@gmail.com](mailto:navyavejalla@gmail.com) | +1 336 618 3580 | <https://www.linkedin.com/in/navyavejalla/>

Highly motivated and detail-oriented software professional with 2+ years of experience in delivering solutions using Java, Spring Boot, Microservices, C#, .NET, React, and Cloud technologies. Seeking a challenging position that leverages my technical expertise and passion for innovation to drive business growth and success.

## Education

University of North Carolina at Charlotte (Master of Science) — Information technology

January 2024- December 2025

Jawaharlal Nehru Technological University (B.tech) — Computer Science

June 2017- July 2021

*\* Available for Full time Employment Starting May 12, 2025*

## Professional Experience

University of North Carolina at Charlotte - Charlotte, NC (Graduate Teaching Assistant)

August 2024 — Present

- Assisting undergraduate students in mastering web development concepts, including HTML, CSS, JavaScript, and DOM manipulation. Provide support in advanced topics, such as asynchronous JavaScript and the Fetch API, to help students with real-world application design challenges

Pearson India Private Limited - Chennai, India (Software development administrator)

January 2023– December 2023

- Contributed to the development of Learning Management Systems, including **Connections Education** and **Agile based Buzz** Platforms in the **PVS Engineering** team.
- Enhanced interaction between teachers and students by implementing Live classrooms, Assessments, and Course content creation and publishing department using **C#, .Net, Sql and Azure**.
- Created user-friendly interfaces for students and teachers.

Wipro technologies – Bangalore, India (Full Stack Developer)

September 2021– January 2023

- Designed and developed data-driven web applications using **Java, SpringBoot, Microservices, HTML5, CSS, JavaScript, and ReactJS**.
- Built reusable components that increased performance by 30%
- Documented code and processes to increase team clarity and productivity by 15%
- Improved existing web applications by implementing a full stack development approach, reducing average query time by upto 70%
- Restructured code and optimized queries to increase web application speed and stability

## Technical Skills

**Programming Languages:** C, C++, C#, Java, Python, .NET

**Web Development:** HTML, CSS, JavaScript, React, Angular, NodeJS, Spring Boot

**Database Management:** MySQL, Cassandra DB, MongoDB, PL/SQL

**DevOps & Testing:** Jenkins, Postman, Newman, Swagger, Docker

**Cloud & Tools:** Aws, Azure, Git Hub, Jira, Anaconda, IntelliJ

## Academic / Personal Projects

Personal Budget Application

January 2024 — March 2024

- Developed a personal budget application to track expenses and manage finances effectively. Designed a user-friendly interface using **ReactJS** and **Material-UI** components. Utilized **D3.js** to create interactive charts for visualizing income, expenses, and budgets. Implemented secure user authentication using **Firebase** Authentication. Enabled users to make informed financial decisions with personalized budget insights.

Photo Sharing Application

March 2024 — May 2024

- Developed a photo sharing web application using **ReactJS**, **Material-UI**, and **Node.js**. Implemented a Master-Detail pattern for client-side routing and designed a user interface with Material-UI components. Fetched model data from a web server using **XMLHttpRequest** and parsed JSON responses. Implemented a **FetchModel** function to handle multiple requests and modified components for data retrieval. Enhanced security with password salting and hashing using Node's crypto package. Implemented user stories, including user details, favorite lists, photo likes, activity feed, and photo stepper.

Face Emotion Based Music Recommendation System

January 2021– March 2021

- Developed a music recommendation system that detects human emotions from facial features. Utilized computer vision techniques to extract facial features and detect emotions. Implemented a music player that selects music based on the detected emotion. Created a user-friendly interface to interact with the system. Improved music recommendation experience with personalized emotional connections.