MAITHILI WADE

wade.mai@northeastern.edu | L: /maithili-wade/ | G: /maithwade | Website | Boston, MA | 857-(398)-5014

SUMMARY:

Aspiring Software Engineer with expertise in Python, Java and SQL, skilled in building scalable and efficient software solutions. Experienced in algorithms, object-oriented programming and database management. Adept at collaborating with cross-functional teams and passionate about delivering high-quality, impactful software.

EDUCATION:

Northeastern University

Boston, MA

Master of Science in Information Systems, | GPA: 3.78/4.0

Expected Dec 2025

Relevant Coursework: Data Structures and Algorithms, Web Design & User Experience Engineering, Object-Oriented Design

Sir J. J. College of Architecture

Mumbai, India Aug 2016 - May 2021

Bachelor of Architecture

TECHNICAL SKILLS:

Languages: Python, Java, JavaScript, SQL

Frameworks & Tools: React.js, Redux, Node.js, Express.js, Git, MongoDB, VSCode

Technologies: REST APIs, AWS(Basics), CI/CD Pipelines, Vercel, Agile Development

RELEVANT PROJECTS:

TrueVoices - Testimonial Collections App [TypeScript, React, js, Redux, Node. js, Express. js, MongoDB]

Dec 2024

- Developed an app with core features like user management, testimonial posting & management & secure payment processing
- Integrated features via Express.js and Stripe API, utilized optimized MongoDB, JWT tokens for user authentication and React Router for seamless, secure navigation
- Designed all four: GET, POST, PUT and DELETE APIs on MongoDB upon Express.js framework in JavaScript
- Implemented internationalization via i18next library for multilingual users and configured the platform to function as a PWA

Quanti-Chat - Al ChatBot [TypeScript, React.js, OpenAl API] | maithwade25/Quanti-Chat

Oct 2024

- Engineered an Al-powered chatbot using TypeScript and OpenAl API, achieving a 98% response precision
- Devised LLM-based conversational intelligence to efficiently analyze and address user inquires
- Optimized state handling with React hooks, increasing chat performance and processing capacity by 60%

Sticky-Notes Application [React.js, Appwrite] | maithwade25/MyStickyNotes | my-sticky-notes.vercel.app Oct 2024

Developed a React.js app with real-time updates using Appwrite, resulting in a 30% improvement in note management speed

• Leveraged cloud deployment via Vercel, demonstrating CI/CD proficiency for seamless integration

Finance Tracker [Java, JavaFX, OOP-Principles] | maithwade/FinanceTrackApp

Mar 2024 - Apr 2024

- Built a finance management tool using Java and JavaFX for tracking expenses and income, featuring category-based charts
- Streamlined data retrieval by 40% using dynamic chart visualizations for actionable insights

University Management System | [Java, JavaSwing]

Mar 2024

- Developed a modular system to handle scheduling, registration and reporting for over 1,000 students
- Improved system performance by 25% through efficient database management and optimization

Digital Marketing Application | [Java] | maithwade/java-DigitalMarketingApplication

Dec 2023

- Designed a dynamic digital marketing application to deliver personalized ads and product recommendations, boosting customer retention by 20%
- Devised an analytics dashboards for faster data-driven insights, enabling a 30% improvement in decision-making speed

PROFESSIONAL EXPERIENCE:

Architectural Designer | Independent Practice | Boisar, India

June 2021-May 2023

- Applied data-driven analysis to design sustainable architecture projects, balancing functionality and user experience
- Led multi-disciplinary teams using agile methodologies to ensure on-time delivery and high-quality outcomes

Architectural Intern | Architect Rushikesh H. | Mumbai India

Nov 2019 - March 2020

- Reduced project costs by 15% through optimized technical drawings for a large-scale IT park
- Collaborated across engineering teams to enhance operational efficiency and design functionality

LEADERSHIP AND EXTRACURRICULAR:

Rewriting the Code | Member

Sep 2023 - Present

Participate in workshops and professional development programs, enhancing tech communication and leadership skills

CodePath | Student (Web Development 101)

Feb 2024 - Apr 2024

 Created an interactive education awareness website using HTML, CSS and JavaScript resulting in improved user retention and a 15% increase in session duration