

MAITHILI WADE

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EDUCATION:

Northeastern University

Boston, MA

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

Expected Graduation: Dec 2025

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

University Of Mumbai

Mumbai, India

Bachelor of Architecture

Aug 2016 - May 2021

TECHNICAL SKILLS:

Languages: Python, Java, Javascript(ES6), TypeScript, HTML5, CSS

Frameworks & Libraries: React.js, Redux, Node.js, Express.js, Django, SDLC, Agile

Database: MongoDB, Appwrite, SQL

Tools/Platforms: Git, GitHub, Figma, Postman, VSCode, IntelliJ, Microsoft Office

Technologies: REST APIs, WebSockets, AWS S3, Progressive Web Apps

EXPERIENCE:

Software Developer | Bodhmarga Foundation | India

Oct 2022-May 2023

- Collaborated with a cross-functional team to design and develop a website interface with **React.js** and **Redux**, achieving a **30%** increase in user engagement and system performance
- Developed reusable **React components** in collaboration with **UX/UI** designers, accelerating product development
- Integrated **RESTful APIs** to fetch and manipulate data, ensuring secure and efficient communication between front-end and back-end services
- Applied **Agile** methodology, delivering iterative improvements and consistently meeting deadlines
- Optimized application performance, resulting in **30%** faster load times, improving system efficiency and user retention

Architect | Independent Practice | India

June 2021-May 2022

- Led direct communication with clients, understanding their vision and needs, providing design proposals and ensuring alignment with their goals and expectations throughout the project lifecycle
- Managed **end-to-end design and execution** responsibility from concept development, design detailing, working drawings to site supervision and vendor coordination for 3 residential projects with budgets between **\$20000 - \$50000**
- Designed and Supervised on site execution of interior revamp for a **2000 sqft** office space in Mumbai, integrating client feedback into the design process to ensure a functional and aesthetically pleasing workspace

PROJECTS:

Data Analyst | Crime Data Analysis and Visualization Project: [Python, Data Cleaning & Visualization]

Dec 2024

- Analyzed real-world crime datasets, creating actionable insights through heatmaps and visualizations using **Python & Pandas**
- Improved dataset processing efficiency by **20%** & ensured accuracy through rigorous data cleaning

Software Developer | Testimonial Collections App: [TypeScript, React.js, Node.js, Express.js]

Dec 2024

- Developed a full-stack web application featuring user management, testimonial posting and secure payment processing
- Integrated **Stripe API** for payment processing ensuring secure transactions and optimized user authentication with **JWT tokens**
- Designed **REST APIs:** GET, POST, PUT, DELETE on **MongoDB** using **Express.js**, enabling efficient data storage and retrieval
- Debugged and tested **REST APIs** to ensure higher reliability
- Configured the platform as **PWA** and implemented internationalization with **i18next** for multilingual users

Application Developer | Finance Tracker: [Java, JavaFX, OOP-Principles]

Apr 2024

- Built a finance management tool with interactive **data visualizations** for actionable insights
- Leveraged **OOP** principles to enhance system modularity and efficiency, reducing load times by **25%**
- Implemented category-based expense tracking to streamline **data analysis** for users

Application Developer | University Management System: [Java, JavaSwing]

Mar 2024

- Developed an university management system for course scheduling, student registrations, and semester reports using **Java OOP**
- Optimized the application to handle data for **1,000+** students, achieving a **25% reduction in load times**
- Created a **modular UI** using **Java Swing** to enhance usability and streamline administrative workflows

LEADERSHIP AND EXTRACURRICULAR:

Rewriting the Code | Member

Sep 2023 - Present

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

CodePath | Student (Web Development 101)

Feb 2024 - Apr 2024

- Developed leadership and communication skills through workshops and team projects
- Created an interactive education awareness website using **HTML, CSS** and **JavaScript** resulting in improved user retention and a **15%** increase in session duration