

# Rushikesh Wani

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Available: May 2026 - December 2026 for Co-op/Internship

## EDUCATION

### Northeastern University

Boston, MA

Master of Science in Computer Science - Khoury College of Computer Sciences - 4.00 GPA

Expected May 2027

- Coursework: Programming Design Paradigm, Web Development, Algorithms, Database Management

### University of Mumbai

Mumbai, India

Bachelor of Engineering in Computer Engineering - 3.75 GPA

May 2022

## TECHNICAL SKILLS

**Languages:** C/C++, JavaScript, Typescript, Java, Python, HTML5, CSS3

**Frameworks:** Node.js, Express.js, Vue.js, React.js, Next.js, Bootstrap, FastAPI

**Databases:** MongoDB, Firestore, SQL

**Developer Tools:** Git, Docker, Firebase, Webpack, VS Code, IntelliJ

**CS Fundamentals:** Data Structures & Algorithms, Object-Oriented Programming, REST APIs, System Design

## WORK EXPERIENCE

### WebMD

Mumbai, India

Software Engineer

Sep 2022 – Aug 2025

- Spearheaded the migration of Medscape.com (10M+ monthly users) from Vue 2 to Vue 3; leveraged advanced chunking and tree-shaking to reduce bundle size by **35%** and improve page load latency by **1.2 seconds**.
- Implemented Server-Side Rendering (SSR) for core product pages to maximize SEO crawlability, resulting in a **20% uplift** in organic search traffic and faster Time to First Byte (TTFB).
- Engineered a cross-domain internal page builder tool adopted across 10+ properties, slashing environment configuration and setup time by from 1 month to just a few days.
- Designed a theme-driven CSS token architecture enabling dynamic runtime style resolution; accelerated frontend deployment for new products by **70%** while ensuring strict UI brand consistency.
- Architected and deployed the jim.fr healthcare platform in 8 months with a lean 3-developer team; created a reusable Vue.js component library that increased future team velocity by **25%**.
- Integrated automated testing pipelines (Jest/Mocha) into the CI/CD workflow and enforced TDD protocols, driving a **30% reduction** in production defects.

Software Engineer Intern

Jun 2022 – Aug 2022

- Developed a custom team management dashboard using JIRA RESTful APIs, streamlining resource tracking and role distribution for engineering leadership.
- Accelerated the Vue 3 migration by resolving critical legacy bugs and optimizing CI/CD pipelines, ensuring stability for early-stage feature releases.

### Freelance Web Developer

Mumbai, India

Self Employed | Various Clients

Feb 2020 – May 2022

- Engineered a custom billing and receipt generation system featuring dynamic PDF printing and template customization, significantly streamlining financial workflows for small business clients.
- Automated data reporting pipelines using CRON jobs and the Google Sheets API to synchronize database records in real-time, eliminating manual data entry and enabling live business analytics.

## PROJECTS

**Amazon Review Sentiment Analyzer** | FastAPI, Python, LangChain, LangSmith, Chrome Extension

Dec 2025

- Built a Chrome extension to stream real-time Amazon reviews to a **FastAPI** backend, serving structured sentiment analysis and "Buy/No-Buy" insights via high-performance REST APIs.
- Engineered **LangChain** pipelines integrated with **LangSmith** for full observability, utilizing tracing to debug hallucinations and optimize token usage for cost-efficient inference.

**COVID Crisis Assistance Platform** | Node.js, Express.js, MongoDB, GCP

- Built a high-availability resource platform connecting users with critical medical supplies; integrated Co-WIN APIs to fetch real-time vaccine slot availability.
- Deployed the application on a Google Cloud VM, implementing automated email alerts to notify users of vaccine availability.

## PUBLICATION

Wani, Rushikesh Rajendra. "Detection of Counterfeit Products Using Blockchain." ITM Web of Conferences, ICACC 2022.

Published peer-reviewed paper on blockchain-based counterfeit detection; received Copyright Certificate from the Government of India.