

VINIT YADAV

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EDUCATION

Northeastern University

Boston, MA

Master of Science in Information Systems (GPA: 3.7/4)

Expected May 2025

- Courses: Web Tools and Methods, Network Structures & Cloud Computing, Web Design & UX, Design Patterns

University of Mumbai

Mumbai, India

Bachelor of Engineering in Computer Engineering (GPA: 8.2/10)

Aug 2018 – May 2022

- Courses: Data Structures and Algorithms, Object Oriented Programming, Database Management, Machine Learning

PROFESSIONAL EXPERIENCE

Commonwealth Financial Network

Waltham, MA

Software Engineer Co-op

Jul 2024 – Dec 2024

- Migrated 800+ advisor websites from Drupal to FMG CMS, improving the content management process by 30%
- Conducted QA checks on 250+ websites, boosting site responsiveness and user experience by 25%
- Ensured WCAG/ADA compliance for all websites, enhancing accessibility for over 10,000 users
- Built 30+ temporary websites using FMG CMS, HTML, CSS, and JavaScript, increasing deployment efficiency by 20%
- Launched 80+ websites with GA4, optimizing performance insights and integrating backend services with Spring Boot
- Boosted search engine visibility by 15% by conducting SEO audits and implementing keyword optimization strategies
- Increased team efficiency by mentoring new hires on QA processes, CMS tools, and web development practices
- Participated in Agile Scrum teams, contributing to sprint planning, code reviews, and test-driven development

Ram LLC

Mumbai, India

Full Stack Developer

May 2022 – Dec 2022

- Refactored user auth. from JWT to OAuth 2.0, enhancing security by 40% in Spring Boot and Node.js environments
- Implemented RESTful API integrations with Node.js and Express, improving backend efficiency by 30%.
- Optimized DB queries by 40% using SQL performance techniques and deployed solutions on Azure, enhancing scalability
- Integrated AWS Lambda functions for serverless processing and Azure API Management for API integrations
- Automated CI/CD workflows with Jenkins and GitHub Actions, reducing release and deployment cycles by 50%

Web Development Intern

Jul 2021 – Apr 2022

- Developed 5+ production-ready web applications, integrating HTML, CSS, JavaScript, Node.js, and enterprise CMS tools
- Reduced design iteration time by 25% by creating detailed wireframes and UI mockups using Figma and Adobe Photoshop
- Enhanced website performance by 20% through code optimizations, debugging, and accessibility enhancements
- Achieved 100% on-time delivery in Agile-based development cycles, improving project success rates

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Python, Java, C#, C++

Web Technologies: React.js, Node.js, Redux, AJAX, Angular, Jest, Junit, Selenium, Webpack, Babel, Vite, Winston

Framework/Architecture: Spring Boot, .Net, Express.js, Next.js, TailwindCSS, RESTful APIs, GraphQL

Databases: SQL (PostgreSQL, MySQL), NoSQL (MongoDB, Redis, DynamoDB)

DevOps & CI/CD: Docker, Kubernetes, Jenkins, GitHub Actions, Firebase, Terraform, Packer

Cloud Technologies: AWS (EKS, ECS, Lambda, EC2, S3, RDS, API Gateway, Route53, CloudWatch), GCP, Azure

Software/Tools: Shell Scripting, Postman, GitHub, Figma, VS Code, Eclipse, IntelliJ, NetBeans, LLMs

PROJECTS

ICE Tracker (CivicHacks 2025 Hackathon) | ReactJS, Supabase, Mapbox, Python |

Feb 2025

- Developed a web app for tracking and reporting immigration enforcement, providing real-time data to communities
- Embedded an AI chatbot for instant immigration assistance, improving user engagement and support availability
- Introduced an automated FAQ call system using Twilio and OpenAI API, providing 24/7 support

Assignment Management Application | AWS, GCP, TypeScript, Pulumi, Packer, Jest, Mailgun |

Nov 2023

- Built an assignment management web app using Sequelize ORM, improving database interaction efficiency by 25%
- Implemented 4 endpoints of REST APIs to ensure seamless functionality and data interaction
- Constructed a microservices architecture by leveraging Packer to create Amazon Machine Images (AMI)
- Deployed an infrastructure as code (IaC) on AWS using Pulumi Iac, resulting in a 50% reduction in deployment time

GrubBites | React, Nodejs, Express.js, MongoDB, Stripe API, JWT, Jest |

Aug 2023

- Spearheaded a responsive meal platform with enhanced accessibility, boosting user engagement by 45%
- Optimized backend queries and caching to enhance API performance and scalability
- Integrated Stripe API for secure payments and JWT for user authentication, achieving 90% transaction efficiency