

YASH VYAS

vyas.yash@northeastern.edu • (857) 340-3098 • [LinkedIn](#) • [GitHub](#) • [Portfolio](#) • Boston, MA

Education

Masters in Information Systems

Northeastern University, Boston, MA

Sep 2024 - Dec 2026

GPA – 3.7

Relevant Courses: Application Engineer & Development, Web Design & User Experience Engineering

Bachelor of Technology in Computer Science and Engineering

Mumbai University, Mumbai, India

Jun 2018 – May 2022

GPA – 3.7

Skills

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

Databases: MS SQL, MY SQL, Elasticsearch, Firebase, Mongo DB

Web Technologies: ASP .NET, REST, HTML, CSS, React, Redux, Node, Express

Tools/Frameworks: Git, Jira, SourceTree, Postman, Bruno, Eureka, Docker, Kafka, Prometheus, Grafana

Experience

Full Stack Software Engineer | Adapt – An Apexon Company, Mumbai, India

Jun 2022 – May 2024

- Designed backend solutions for a B2B product in .NET, using an MVC-like framework to enhance scalability
- Created **APIs** for user life cycle management, improving the customer experience and engagement by 65%
- Developed **Sync and Cron jobs**, reducing system latency by 25% and improving process efficiency
- Optimized eCommerce operations by integrating **ERP** systems for real-time pricing, inventory and orders
- Led projects in collaboration with clients, delivering tailored **full-stack** solutions that met business goals
- Enhanced search functionality by integrating **Elasticsearch** for custom data retrieval and search accuracy
- Improved **front-end** performance using **TypeScript, React, and Redux**, boosting **UI** responsiveness by 30%
- Achieved 80% **unit-test** coverage with **xUnit**, ensuring code reliability and reducing system downtime

Web Development Intern | Sparks Foundation, Singapore

Sep 2021 – Oct 2021

- Created and deployed a web project within a month using **HTML, CSS, JavaScript, and Bootstrap**
- Integrated **OAuth 2.0**, strengthening **API** security and safeguarding user data
- Connected third-party **APIs** using **JavaScript**, ensuring seamless data interactions and improving **UX**

Projects

CartVista – Microservice E-Commerce Application | [GitHub](#)

Jan 2025 – Feb 2025

- Developed a **Spring Boot** microservices application (Product, Order, Inventory, Notification), improving scalability and system performance
- Integrated **OAuth 2.0** with **Keycloak** and **Eureka** for secure, efficient service discovery and communication
- Enhanced system reliability and fault tolerance with **Resilience4J circuit breakers** while leveraging **Kafka** for event-driven architecture
- Monitored system performance across five services using **Prometheus** and **Grafana**

Eventify – Web Application for Events | [GitHub](#)

Nov 2024 - Dec 2024

- Built a **full-stack** event management web app using **React, Redux, Node.js, and MongoDB**, enabling efficient event creation and registration
- Designed and implemented **RESTful APIs** to manage events, tickets, and user data, ensuring secure and streamlined workflows with **JWT** authentication
- Implemented a responsive frontend using **Tailwind CSS, Material-UI, and TypeScript**, delivering a seamless user experience across devices
- Validated and tested **APIs** with **Postman** and **Bruno**, ensuring high reliability and integration quality

Rapid Aid – Android Application for Emergency Services | [GitHub](#)

Oct 2021 – Jan 2022

- Developed a multi-module Android app with **Firebase** and **Firestore** for efficient **CRUD** operations and integrated verified government emergency contacts for direct access
- Engineered a multicast messaging system for emergency drivers to send alerts to police, enhancing response times in critical situations
- Developed dual-login authentication for traffic police and emergency drivers, ensuring secure access
- Orchestrated a blood donation system that connects donors via Zip code, streamlining the donation process