YASH VYAS

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

Education

Masters in Information Systems   *Sep 2024 - Dec 2026*
Northeastern University, Boston, MA   ***GPA – 3.7***
Relevant Courses: *Application Engineer & Development, Web Design & User Experience Engineering*
Bachelor of Technology in Computer Science and Engineering   *Jun 2018 – May 2022*
Mumbai University, Mumbai, India   ***GPA – 3.7***

Experience

Full Stack Software Engineer | Adapty – 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**

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

Projects

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