

Pratik Gawand

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EDUCATION

Master of Science in Information Systems | Northeastern University | Boston, MA **Expected May 2023**

Relevant Courses: Application Engineering Development, Data Management and Database Design

Bachelor of Science in Computer Science / Engineering | University of Mumbai | Mumbai, India **June 2016**

Relevant Courses: Software Engineering, Data Structures, Analysis of Algorithms, Object Orient Programming

SKILLS

Programming: Java, JavaScript, Python, C, C#, .NET, NodeJS, React.js, Webpack, ExpressJS, Angular, Redux, HTML5, CSS3

API Design & Architecture: REST API, GraphQL, Microservices, Containerization, MVC, Docker, CI / CD, and Elasticsearch

Tools, Databases and Cloud Platform: Visual Studio, Eclipse, SQL, MS SQL, MongoDB, MySQL, PostgreSQL, AWS & GCP

EXPERIENCE

- **Associate Software Developer, LRN Technologies, Mumbai, MH, India** **May 2021 – Aug 2021**
 - Performed integration of the backend web services API on the Angular web application of the Certification Manager Module for eLearning product using SCRUM agile and sprint methodologies
 - Improved the load time of Angular application by upgrading the **Angular** from version 2 to 12
 - Fixed and implemented the code issues, vulnerabilities and bugs reported by **Sonarqube** on **Angular** and **NodeJS Javascript** application
- **Lead Software Developer, Conqoll Technologies, Mumbai, MH, India** **Jan 2020 – May 2021**
 - Understood the business requirements and implemented the API on **GraphQL Yoga server** using **NodeJS Javascript** and integrated API on frontend React, using Redux Store and Axios
 - Created and maintained Continuous integration / Continuous Deployment pipelines on **AWS** using **Docker, AWS ECS, Cloud Watch, Cloud Front, Git, Github Actions, etc.**
- **Solution Lead, Sankey Business Solutions, Thane, MH, India** **Oct 2018 – Jan 2020**
 - Designed and implemented a microservices-based architecture for a fleet management application for Tata Fleet Edge, led a team of twenty members for developing web and mobile applications using **Python Django** for on server-side, **Angular** and **React Native** for client-facing application
 - Wrote Docker file to be deployed on Jenkins CI using Terraform
- **Solution Analyst, Sankey Business Solutions, Thane, MH, India** **Feb 2017 – Oct 2018**
 - Worked as Full Stack Developer on a Loyalty Point Platform using Angular, NodeJS and MongoDB
 - Integrated and implemented the front end mobile screen design for the Job Seeker Android application (Moovup App) using Java and also implemented features on job web portal application on **VueJS**
 - Wrote backend API, SQL queries and test cases using **Python** and implemented and deployed Elasticsearch for job searching module using **ELK Stack (Elasticsearch, Kibana, Logstash), PostgreSQL**
 - Created REST API and integrated on Angular Web application

ACADEMIC PROJECT

- **Expensify, Northeastern University | Boston, MA** **May 2022**
 - Applied REST APIs concepts using ExpressJS to build webservice for expense tracking application.
 - Implemented User and Expense module, using MVC pattern, design the frontend application user interface using ReactJS and displayed real time charts
 - Used Redux store for application state management, implemented JWT token to protect API.
 - Build automated CI/CD pipeline for deployment on Heroku using Docker and Github Actions
- **Orphanage Donation Distribution Ecosystem, Northeastern University | Boston, MA** **Oct 2021 – Dec 2021**
 - Developed a Java Swing application using the Ecosystem model for Orphanage where shelter homes can request food, clothes, medical kits, and other essentials from donors. The application comprises multiple workflows from request to delivery of the supplies
 - Implemented the request flow module and added live dashboard charts for the inventory using JCharts