

# Pratik Gawand

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## EDUCATION:

### **Master of Science in Information Systems**

*Expected May 2023*

Northeastern University, Boston, MA **3.84 CGPA**

Related Courses: Web Design Engineering, Web Development Tools & Methods

### **Bachelor of Engineering, Computer Engineering**

*June 2016*

University of Mumbai, Mumbai, India

Related Courses: Data Structures, Object-Oriented Programming Methodology, Analysis of Algorithm

## TECHNICAL SKILLS:

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

Technologies: NodeJS, ReactJS, Angular, Spring Boot, ExpressJS, Kafka, Redis, GraphQL, REST APIs, Git

DevOps Tools: AWS, Jenkins, Travis CI, GitHub Actions, Packr, Terraform, CloudFormation, CICD, Docker

Databases: PostgreSQL, MySQL, SQL Server, NoSQL, MongoDB, DynamoDB, Elasticsearch

Operating Systems: Linux, Mac OS, Windows

## INDUSTRY EXPERIENCE:

### **Software Engineer Intern**

*Sept 2022-Dec 2022*

SS&C Intralinks, Boston, MA

- Leveraged Jenkins to build CI/CD pipelines for 10 microservices to improve the overall life-cycle efficiency
- Built the Jenkins pipeline that runs integration tests and perform stress testing on various environment using JMeter
- Collaborated with other developers to review, analyze, and optimize MERN applications improve load time by 60%

### **Associate Software Developer**

*May 2021-Aug 2021*

LRN Technologies, Mumbai, MH, India

- Optimized legacy queries of the existing application to reduce execution time from an hour to few minutes
- Improved the performance of existing application by 70% through upgrading Angular 4 to 12
- Collaborated with cross-functional teams to gather requirements and deliver solutions
- Actively participated in performance enhancement, on-call, requirement gathering, testing, and maintenance

### **Lead Software Developer**

*Jan 2020-May 2021*

Conqoll Technologies, Mumbai, MH, India

- Worked closely with product owners to understand business requirements and deliver solutions
- Designed multiple microservices to enable real-time bidding for the digital tenders using GraphQL and Kafka
- Built CI/CD pipelines on AWS using Docker, AWS ECS, Cloud Watch, Cloud Front, GitHub Actions
- Employed agile technique to give instant customer assistance, debugging, and testing on the client's production servers, which increased application performance by 60% which helped in increasing revenue by 50%.

### **Solution Lead & Analyst**

*Feb 2017-Jan 2020*

Sankey Business Solutions, Mumbai, MH, India

- Worked as Full Stack Developer on a Loyalty Point Platform using Angular, NodeJS and MongoDB
- Automated deployment of 25 microservices using Travis CI to improve the deployment speed by 40%
- Created docker containers to manage the application and release new features effectively

## PROJECTS:

### **Stocking Trade Application: AWS, React, PostgreSQL Docker, NodeJS, Fastify, Linux**

*Feb 2022-Mar 2022*

- Developed a full-stack stock trading application, which allows users to buy and sell stock using market and limit orders, along with real time stock price generator engine, user module and admin management.

### **Polling System: AWS, Lambda, S3, CloudFormation, SNS, SQS, DynamoDB, NodeJS, Linux**

*Jan 2020-May 2020*

- Utilized Route 53 for service discovery and DNS mappings; SQS for communicating between decoupled microservices in distributed application; Lambda for running the individual microservice applications in serverless architecture
- Designed scalable and highly available infrastructure as code template with CloudFormation for REST API service