

Aditya Jadhav

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EXPERIENCE

Full Stack Engineer

Jan 2022 - Present

Flipit, LLC, Jersey City, NJ

- Led the implementation of cutting-edge **CI/CD** methodologies and designed a new build process for an existing application, improving the speed and efficiency of software development.
- Contributed to the transformation of the existing backend using various design patterns like **Multi-Service Architecture Pattern**, **Data Provider Pattern** resulting in improved scalability and reliability of the application.
- Developed multiple modules such as the Price Breakdown Module, Mail Order Confirmation Module, Credit Card Component, and Drug Configuration Module, showcasing expertise in full stack development in **JavaScript** using **React**, **GraphQL** and **Couchbase** and creating user-friendly experiences for customers.
- Worked closely with cross-functional teams to gather requirements, design solutions, and resolve complex technical issues, ensuring solutions met both business and technical needs.
- Mentored junior developers and optimized the existing logic using well-known Data Structures & Algorithms to improve the performance of the app, contributing to a positive team environment through open communication, collaboration, and continuous improvement.

Software Developer

May 2019 - Dec 2021

Scanbuy, Inc, New York City, New York

- Lead Developer for Centralized Portal (UI & Middleware) allowing all the Clients to access different services offered by the firm using **React**, **Redux**, **Serverless** and **GraphQL**.
- Designed & Developed a Dashboard for Monitoring of all Internal Services using **Strapi** and **Serverless REST API's**.
- Incorporated Internal Event Service in all applications offered by the firm using **AWS Event Bridge**, **AWS SQS**, **AWS S3**.
- Implemented System Redesign by changing core functionality using **Java Spring** and **Java Hibernate Framework**.
- Integrated **Spring DAO** with **Hibernate ORM** for performing persistent operations into Databases like **MySQL** and **RedShift**.
- Developed scripts using **Java 1.8** and **Python 2.7** for automation of user operations.
- Worked in **CI/CD** environment using tools like **Jenkins**, **Docker** and **GIT** for version control.
- Transformed the existing **REST APIs** into **JavaScript Serverless APIs** for compatibility with **AWS Lambda** using **NodeJS**.
- Requirement gathering and architectural modeling by working extensively with clients to incorporate change requirements.

Research Assistant - Robotics & Data Science Lab

Dec 2018 - May 2019

New Jersey Institute of Technology, Newark, NJ

- Implemented a real-time web-based system for quadcopters and land robots for remote monitoring and operations.
- Working with peers to provide the end-users various solutions on the dashboard ranging from data wrangling, streaming data-sources, data mining, data visualization and later applying Machine learning models for predictive analysis.
- Optimized the code base to increase the scalability by 100% using modern testing methods and use case modelling.
- Wrote JavaScript based APIs to interface between software and hardware by using Web-Sockets and Johnny-five framework.

Teaching Assistant - Web System Development

Aug 2018 - May 2019

New Jersey Institute of Technology, Newark, NJ

- Assisting students with Laravel framework's queries and grading their weekly assignments for the semester.
- Contributed to replacing University's educational website with modern advancements of web technologies.

Research Assistant

Aug 2018 - Dec 2018

New Jersey Institute of Technology, Newark, NJ

- Tested a Machine Learning model to detect the frequency of the vehicles passing at a location and time of the day.
- Performed data validation for vehicle classification using Bayesian method.

SKILLS

Java, JavaScript, Python, React, Node.js, Express, Next.js, GraphQL, Serverless, Redux, Spring, Spring Boot, Hibernate, Maven, Vagrant, React Native, SQL, SQL Server, MySQL, PostgreSQL, MongoDB, Couchbase, Docker, Containerization, Kubernetes, AWS, AWS S3, AWS Event Bridge, AWS SQS, Kafka, Version Control, Git, GitHub, Laravel, HTML5, CSS3, Electron, Linux Shell Scripting, Bash Shell, Heroku, TDD, Eclipse, Bootstrap, Agile, Scrum, Project Management, Planning, Designing, Software Testing, REST, API, Leadership, Team Player, Time Management, Decision Making, Communication

EDUCATION

Master of Science (M.S.) - Business & Information Systems

New Jersey Institute of Technology

GPA – (3.83/4)

Bachelor of Engineering (B.E.) - Information Technology

University Of Mumbai

GPA – (3/4)

CERTIFICATIONS

IBM Blockchain Essentials Certification (<https://bit.ly/2DsnbN6>)