

ATHARVA DESHPANDE

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SKILLS

Programming Languages: Java, Python, JavaScript, TypeScript, HTML, CSS, SQL.

Frameworks: Java Spring, Spring Boot, AngularJS, ReactJS, Bootstrap, Flask.

Tools/ Technologies: IBM MQ, MySQL, Git, Docker, NodeJS, ExpressJS, MongoDB, PostgreSQL, Redux, AWS.

WORK EXPERIENCE

Miracle Software Systems Inc. – Walmart Vendor

Bentonville, USA

Java/J2EE Backend Developer

Mar 2022 – Apr 2023

- Created an E-business application permitting users to buy products using java with (object-oriented) OO software design.
- Implemented the application using Spring MVC framework and achieved data persistence using Hibernate ORM framework.
- Used Spring Transaction management for database transactions.
- Developed multiple microservice architecture-based hands-on applications which included multiple restful web services, database communications that incorporated ORM using hibernate JPA, as well as connected to the various databases using JDBC in spring boot.
- Created end-to-end applications and web services which connected to multiple IBM MQs using JMS based on the headers of messages and then write the data into a database.
- Learned to use docker and run containers as well as to containerize an application with dependencies for databases and messaging queues, and worked with Kubernetes for container orchestration in a cloud technologies environment.
- Used Message Converters such as HttpMessage Converters in the Web service's request response data Marshalling and Unmarshalling process using REST API Template.
- Performed Load tests using automation to analyze metrics and components like Messaging layers, database transactions in the production environment which helped decrease the REST Api response time by 10%, get cost estimates and communicate clearly.
- Used git as the version control tool as well as Jenkins for continuous integration/ continuous delivery(CI/CD).
- Wrote JUnit Test cases for unit testing, to follow best software engineering coding practices in a test-driven development (TDD) environment and improve reliability.
- Used agile development for the software development lifecycle (SDLC) in a collaborative scrum environment.
- **Environment:** Java, MySQL, nosql, Spring, Microservices, JMS, IBM MQ, REST APIs, JUnit, Docker, Kubernetes, Grafana.

WISE(Women's Islamic Initiative in Spirituality & Equality)

New York City, USA

Front-End Developer

Sep 2020 – Dec 2020

- Maintained and updated the web applications using ReactJS, HTML, and CSS for a more intuitive design which reduced the Customer Effort Score(CES) by 8%.
- Developed a responsive art gallery with the irregular placement of the art pieces for a modern-looking design in desktop view and a single file line in mobile view.
- Led the Search Engine Optimization (SEO) of the website by eliminating dead links and filtering the content which improved its Google search engine rank by 4 places making the homepage the top result.
- Modified the art gallery based on the feedback from freelance artists which increased the site visits by 25%.
- Designed a roadmap for the links in the website which helped a team of 10-15 members navigate the website.
- **Environment:** ReactJS, JavaScript, HTML, CSS, algorithms

Trivia Softwares

Mumbai, India

Python Developer

Jan 2019 – Apr 2019

- Evaluated experiments, extracted data, and constructed a Student Management System based on the collected data.
- Created a splash screen by scraping data from a quote website using a python package called 'BeautifulSoup4'.
- Produced an application for 'Student Management System' that met the business and user goals, increasing user satisfaction by automating the student data handling process.
- Maintained SQL scripts, indexes, and complex queries for analysis and extraction.
- **Environment:** Python, Flask

EDUCATION

Master of Science, Computer Science | Drexel University

Jun 2021

Bachelor of Engineering, Computer Engineering | University of Mumbai

May 2019

PROJECTS

India Bazaar – Java Spring Boot, JDBC, JPA, REST API, MySQL, nosql, Microservice architecture

Mar 2022 - Apr 2022

Employee Management API - AngularJS, HTML, CSS, TypeScript

Jan 2022 - Feb 2022

Loan Prediction System - HTML, JavaScript, Bootstrap, Python Flask, SQLite, Python

Jan 2020 - Mar 2020