

Rajrishi Vishwakarma

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EDUCATION

National Institute of Technology, Tiruchirappalli

Tamilnadu, IN | Jun 2021

MASTER OF COMPUTER APPLICATIONS

Coursework: Data Structures and Algorithms; Operating Systems; Data Mining; Object Oriented Programming; Computer Networks; Big Data Analytics

WORK EXPERIENCE

AMDOCS | SOFTWARE DEVELOPMENT ENGINEER

Pune, IN | July 2021 – Present

- Handling Core features of **B2B Sales Application**. Took initiative to mentor new recruits for smooth onboarding to projects.
- Developed new Digital Experience backend Microservice using **Spring, Java, JUnits** and **jenkins** to provide additional features to the B2B sales Application.
- Added the ability to fetch orders and provide them with detailed fields having prices and offering details as well.
- Worked on features like eTag, which enabled the microservice to be consistent on each transaction.

AMDOCS | SOFTWARE DEVELOPMENT ENGINEER INTERN

Pune, IN | Jan 2021 - Jun 2021

- Developed a Mass Order Job Scheduler microservice in **Spring** to give user the ability to Pause, Resume, Start and Delete a job.
- Applied the concepts learned in **Quartz Docs, Thymeleaf, Java** to deliver such complex features.
- Here Quartz acts as job scheduler and **PostgreSQL** as database to store job information. Using **Github Actions** created continuous integration pipeline and using **Okteto Cloud**, deployed in a **Kubernetes** Cluster.
- Also developed a frontend microservice to demonstrate its capability.

PROJECTS

GRAPH VISUALIZER 

REACT, REDUX, JAVASCRIPT, FIREBASE, CSS, MATERIAL-UI

This Graph Visualization software is a valuable tool for programmers, assembled with tools like ReactJS, Redux, MUI and ConvaJS. This tool can help one to better understand graph theory and data structures in general.

PLANT DISEASE DETECTOR 

FLASK, PYTHON, HEROKU, KERAS, NUMPY, TENSORFLOW

Developed a cutting-edge project, focused on early-stage plant disease detection through image analysis. Designed a user-friendly interface for uploading infected leaf images, allowing the model to swiftly identify the specific type of crop infection. Leveraged advanced machine learning techniques to provide actionable insights for crop protection.

TREASURE HUNT 

PHP, HTML, MYSQL, ONLINE GAME, WEBAPP

Developed an online treasure hunt software for inter-college students as part of a tech festival, utilizing tools like **PHP, MySQL** and **Bootstrap** to create a challenging and engaging experience. Collaborated with a team of professionals to ensure seamless execution and positive feedback from participants.

GOOGLE FORM BOT 

PYTHON, SELENIUM, GOOGLE FORMS, WEB SCRAPING, AUTOMATION, TKINTER GUI

Designed and developed a BOT that automates the filling of Google Forms, using **Python** and **Selenium** to ensure accuracy and efficiency. Employed my skills in automation to create a solution that saves time and increase productivity.

SKILLS

Languages: Java, C++, Python, PHP, Bash, SQL, Swift

Strong suites: Data Structures, Algorithms, Problem Solving, Operating System, Database Management System

Backend Development: Spring, Thymeleaf, Jenkins, Couchbase, Java, JUnits, Bitbucket, Microservice, Maven

Technology: Git, CICD, Kubernetes, Docker, Helm, Github, \LaTeX , IntelliJ, VSCode, Openshift