

Omkar Joshi

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As a recent graduate with six months of internship experience, I bring proficiency in C++, Java, Python, SQL, Spring Boot, Machine Learning, and Data Analysis, along with strong communication skills, a fast-learning ability, and Git foundation.

Education

- **Bachelor of Engineering (B.E)**

Yeshwantrao Chavan College of Engineering, Nagpur

Duration: 2019-2023

GPA: 9.72

- **Higher Secondary Certificate (HSC)**

Santaji Mahavidyalaya, Nagpur

Duration: 2017-2019

Percentage: 83.38

- **Secondary School Certificate (SSC)**

Somalwar Nikalas, Nagpur

Year: 2017

Percentage: 89.20

Key Skills

Programming Languages: C++, Java, Python

Databases: MySQL, PostgreSQL

Version Control: Git

ML/DL Libraries: Pandas, Numpy, Scikit-Learn, TensorFlow

Testing Framework: Junit (Mockito) Unit Testing

Development Tools: Visual Studio Code, PyCharm, Eclipse (Spring Tool Suite), Jupyter Notebook

Internships

NielsenIQ India, Pune

Connect Services

4 Months

- **Resolved 4 major bugs** related to **API calls and data manipulation**, enhancing defect tracking and resolution skills
- Contributed to application **migration from Netflix Zuul to Spring Cloud Gateway**, demonstrating expertise in Spring and Angular frameworks
- **Developed 3 Angular components** for the service's User Interface (UI)
- **Optimized JUnit code coverage** for Spring backend services, increasing it from 80% to approximately 95%, contributing to quality improvement
- Actively engaged in weekly code reviews, demos, and continuous deployment processes through Jenkins, following SDLC and Agile practices

Kizora Softwares, Nagpur

Jewel AI

2 Months

- Analyzed computer vision technologies (**OpenCV, Media Pipe, Open3d**) to select the most suitable library for software design, optimizing development time for business use cases
- **Developed Android Application modules** with **TensorFlow, OpenCV, and YOLO**, achieving an initial accuracy of over 85% for object detection. Played a key role in developing a custom object inventory application using TensorFlow, OpenCV, and Media Pipe, ensuring an efficient user interface

Persistent Systems, Nagpur

Summer Intern

3 Months

- Completed Modules based on Computer Science fundamentals along with hands-on training on Linux, Shell Scripting
- Concluded the internship with validation assessments showcasing strong grasp on the Computer Science fundamentals

Certifications

Microsoft Azure Fundamentals: AZ-900

Microsoft Azure Data Fundamentals: DP-900

NPTEL Design and Analysis of Algorithms

Google Data Analytics Professional Certificate

Microsoft Technology Associate - MTA Introduction to Programming using Python

Microsoft Technology Associate - MTA Introduction to Programming using Javascript

Projects

4 Months

Neural based feature selection for Learning to Rank

Worked on **learning to rank** using **neural network based feature selection** method and increased the accuracy of the model compared to previous existing models

4 Months

Comprehensive Analysis on COVID 19 patients, pre and post vaccinations

Data Analysis, Pandas, Excel, MySQL, Tableau

4 Months

Influence of change of strategy for learning to rank using TF-Ranking

Worked on **learning to rank** using Google's **Tensorflow learning to rank** library and achieved comparable scores compared to previous models

Personal Details

Date of Birth

11th April 2001

Gender

Male

Marital Status

Single / Unmarried

Address

Nagpur