

# MANODNYA MOHAN GAIKWAD

+1 (657) 525-8897 ◊ manodnyag19@gmail.com ◊ github.com/manodnya1912 ◊ linkedin.com/in/manodnya-gaikwad

## SUMMARY

Versatile software professional with 2 years of industry experience and a Master's in Computer Science. Proficient in Python, Java, ReactJS, Spring Boot, and SQL. Adept in agile methodologies with a passion for open-source contributions.

## EDUCATION

### California State University, Fullerton, USA

August 2022 - May 2024

Master of Science in Computer Science

**Coursework:** Advanced Database Management, System and Software Standards, Advanced Algorithms, Advanced Software Process, Software Design and Architecture

### Savitribai Phule Pune University, Pune, India

August 2016 - November 2020

Bachelor of Engineering in Computer Engineering

GPA: 3.78/4.0

**Coursework:** Operating System, Data Structures, Computer Networks, Artificial Intelligence, Data Analytics

## TECHNICAL SKILLS

Tools & Languages	Python, C, C++, Java, SQL, R, HTML, CSS, JavaScript, Dart, NodeJS, Docker
Python Libraries	Numpy, Pandas, Matplotlib, Keras, Tensorflow, Scikit-Learn, PyTorch, PySpark
Databases & Cloud Services	MySQL, AWS S3, AWS EC2, Firebase
Frameworks	React, Angular, jQuery, Bootstrap, Django, Flask, ExpressJS, Spring Boot

## WORK EXPERIENCE

### Intradiem

June 2023 - August 2023

Machine Learning Intern

Remote, USA

- Enhanced **Spring Boot**'s graceful shutdown techniques using **Java**, reducing resource consumption by 15%.
- Leveraged **Dremio**'s advanced **SQL** capabilities to optimize data retrieval of more than 2 million records.
- Revamped the Spring Boot Data Ingest Service to automate the collection of files while facilitating seamless data migration to **Amazon S3**.

### Globant

December 2020 - May 2022

Software Developer

Pune, India

- Led team of 3 developers to work on more than 100 user stories defined using **Agile** and **Safe Agile** methodologies.
- Developed 10 responsive and mobile-friendly interfaces on the service portal using **JavaScript**, **AngularJS** and **HTML**.
- Worked on GRC module to define and create 10+ policies for Deloitte US auditing purposes.
- Designed and developed 7 different catalog items using Business rules, Client scripts, Script includes, etc.
- Implemented more than 10 workflows to automate the multi-step processes in a single flow.

## PROJECTS

### Food Recognition and Nutrition Analysis

- Developed a **Flutter** based mobile application leveraging **TensorFlow** and **EfficientNetB0** to train a deep learning model on the Food 101 dataset, which consists of 101,000 images and achieved an accuracy of 81%.
- Implemented user authentication via **Firebase** and obtained real-time food nutrition data from the **Edamam Food Database API**, enriching the application's functionality with up-to-date nutritional information.

### Spotify Data Analysis

- Engineered the processing of over 1 million streaming data records from Spotify's API using **Hadoop** and **PySpark**.
- Attained an 87% accuracy in predicting song rankings based on streaming frequency by training an MLlib model.

### Employee Attrition Prediction

- Orchestrated predictive model to anticipate employee attrition rates based on 30+ employee characteristics.
- Analyzed performance of **SVM**, **Random Forest**, **Logistic Regression**, **Neural Networks** and achieved an overall accuracy of 93% by training an **Ensemble** model.

## CO-CURRICULAR ACTIVITIES

- Investigated 3 major issues while contributing to open source projects through Girlsript summer of code.
- Spearheaded the annual college IEEE event hosting while leading a team of 10 volunteers.