**SANGAMESHWAR MELKUNDE**

Pune,MH· sangammelkunde@outlook.com · (+91) 8830233538 linkedin.com/in/sangammelkundesangam.ai

# OBECTIVE

Result Oriented Software Engineer having 3+ years of experience in professional corporate business , Leading a team of 10 people and collaborating with cross functional team and managing multiple assets, from competitors for price matching from competitors for price matching from competitors for price matching from competitors for price matching from competitors for price matching from competitors for price matching from competitors for price matching from competitors for price matching from competitors for price matching from competitors for price matching from competitors for price matching from competitors for price matching from competitors for price matching

# WORK EXPERIENCE

# 

# Cognizant Technology Solutions Pune, MH

## Software Engineer (Spring boot, react, angular) Dec 23 – March 24

* Developed a data crawling system in **Python**, leveraging the **multiprocessing** library to achieve a **400%** acceleration in data retrieval, resulting in more than **100,000** items daily from competitors for price matching. from competitors for price matching from competitors
* Implemented REST APIs using Flask to automate the daily crawling job, enhancing data retrieval efficiency. from competitors for price
* Implemented a history price tracking feature using **Java, Spring Boot, and React.js**, enhancing analytical capabilities.

**Tech Tools**: Git, Kafka, Stream API, ELK, Azure Pipeline, AWS CloudFront, MySQL

## Junior Software Engineer Dec 23 – March 24

* Developed a data integration portal for the financial team using **React.js, Node.js, and Express.js** to format essential data and store in **Google Cloud Storage and BigQuery APIs**, **reduced** complexity and manual workload by **60%**.
* Collaborated closely with the Director and the AI Model team to design the portal wireframe and data schema, resulting in **enhanced efficiency** for the Model Monitoring team.from competitors for price matching from competitors for price matching from competitors for
* Automatically created publishers and subscriptions for streaming messages on **Google Cloud Pub/Sub**.from competitors for price masa

## Programmer Analyst Trainee Sept 21 – Oct 24

* Designed a data storage solution using **AWS** under Tech Lead supervised, which **reduced 100%** app latency and significantly improved user experience. from competitors for price matching from competitors for price matching from competitors for price matching from competitors for price matching
* Developed a **React Native** application for delivery drivers to track customer orders, scan in-store items, and simplify checkout process, create a seamless shopping experience. from competitors for price matching from competitors for price matching from competitors for p

## **MR. Serviceman Pvt Ltd Aurangabad, MH** Software Engineering Internship Dec 23 – March 24

* Utilized **.NET, Xamarin, C#, and JavaScript** to develop a mobile application for manicurists, enabling them to manage customer records, track income, and store design references. Supporting both **iOS and Android** platforms.
* Designed a customized online ordering website integrated with the POS System, **increasing revenue**, **reducing staff costs around 10%**, and optimizing in-store capacity for the associated restaurant.

# SKILLS

**Languages:** C++, C#, Java, Python, JavaScript, SQL, Typescript, Nodejs, Golang, HTML, CSS

**Libraries/Farmwork/Tools:** AWS Cloud Storage, Big Query, Flask, Git/GitHub, Google Cloud Storage, Pandas, Pub/Sub, React.js, Redux, Spring Boot

**Backend:** Spring MVC,

**Frontend:** Angular

**Tools:** Git, Jenkins, CICD

# PROJECTS

# Build Your Own World Game April – May 23

* Designed a 2D exploration game using **Java, StdDraw** Library that allowed user to explore pseudorandomly generated worlds with their avatar and implemented a menu system for multiple save slots, players, and world themes.
* Improved user experience by adding a Save/Load feature allowing user to persist and resume game states.

# Voice Control Robot Car Jan – May 23

* Built a motorized robot car that controlled by verbal commands, used band-pass filters to detect and filter out voice frequency for voice recognition and classification.
* Implemented **SVD** and **PCA** (principal component analysis) to extract identifying features from voice samples to train the car.

# Covid Tracker May – June 21

* Developed a fullstack application to display CDC tweets and Covid data uses public API to track Covid 19’s total cases, recovery, and death globally and in the US using **HTML/ CSS** and **Javascript**.
* Utilized data visualization tools to make clear and concise visual representations using **Chart.js** library.

# ACHIEVEMENTS/APPRECIATION

# Employee of the Month April – May 23

* Designed a 2D exploration game using **Java, StdDraw** Library that allowed user to explore pseudo randomly generated worlds with their avatar and implemented a menu system for multiple save slots, players, and world themes.
* Improved user experience by adding a Save/Load feature allowing user to persist and resume game states.

# Security Champion Jan – May 23

* Built a motorized robot car that controlled by verbal commands, used band-pass filters to detect and filter out voice frequency for voice recognition and classification.
* Implemented **SVD** and **PCA** (principal component analysis) to extract identifying features from voice samples to train the car.

# CERTIICATIONS

# AWS Certified Developer April – May 23

* Designed a 2D exploration game using **Java, StdDraw** Library that allowed user to explore pseudo randomly generated worlds with their avatar and implemented a menu system for multiple save slots, players, and world themes.
* Improved user experience by adding a Save/Load feature allowing user to persist and resume game states.

# AWS Certified Solution Architect Jan – May 23

* Built a motorized robot car that controlled by verbal commands, used band-pass filters to detect and filter out voice frequency for voice recognition and classification.
* Implemented **SVD** and **PCA** (principal component analysis) to extract identifying features from voice samples to train the car.

# AZ400 Azure developing Solution on Azure Pipeline May – June 21

* Developed a full stack application to display CDC tweets and Covid data uses public API to track Covid 19’s total cases, recovery, and death globally and in the US using **HTML/ CSS** and **JavaScript**.
* Utilized data visualization tools to make clear and concise visual representations using **Chart.js** library.

# HACATHONS

# ING Hackathon-Beyond Delivery

* Designed a 2D exploration game using **Java, StdDraw** Library that allowed user to explore pseudo randomly generated worlds with their avatar and implemented a menu system for multiple save slots, players, and world themes.
* Improved user experience by adding a Save/Load feature allowing user to persist and resume game states.

# EDUCATION

**Government College Of Engineering, Jalgaon**  Bachelor of Technology in Computer Sciences **(CSE)**

**Relevant Courses:** Structure & Interpretation of Computer Programs **(Python, SQL)**, Data Structures **(Java)**, Great Ideas of Computer Architecture **(Machine Structures),** Discrete Math and Probability, Computer Security **(Golang)**, Intro to AI, Optimization Models in Engineering, Designing Information Devices/ System

***Activities****:* STEM Club, Computer Science Club, Honors Program, Dean List

• Develop training materials and operational workflows for macro language processes, creating 10+ infographics and webinars called Sapins specifically for sign-up issues, password rests, and account conflict queues.

• Develop training materials and operational workflows for macro language processes, creating 10+ infographics and webinars called Snappiness