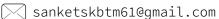
Sanket Bondre













+91 8208770364

EXPERIENCE

INCENTIUS PVT LTD | SOFTWARE DEVELOPER

Jan 2022 - Current | Pune, India

- → Designed and developed an iPadOS application for a data-intensive CRM system using Vuejs, implemented a modern and user-friendly interface that streamlined data handling and retrieval, resulting in improved user experience and increased efficiency for the business.
- → Built a highly optimized RESTful API using Flask and Python, leveraging best practices to handle data-intensive tasks and improve API response time.
- → Optimized system performance and achieved a 300% reduction in API call latency by grouping millions of data records into several PostgreSQL materialized views.
- → Tech Stack: Python, Flask, AngularJs, Vue, Postgresql, MongoDB, AWS, Redis

INCENTIUS PVT LTD | Software Developer Intern

Jan 2022 - July 2022 | Pune, India

PROJECTS

RAFT (DISTRIBUTED CONSENSUS) | GOLANG, RPC

- → Implement Raft consensus (a replicated state machine protocol) with a Leader Election, Log Replication, Persistence Storage, and log compaction(Snapshot).
- → The raft consensus algorithm guarantees fault tolerance, high availability, and consistent state agreement among nodes even in the event of failures or network partitions.

DISTRIBUTED MAP-REDUCE | GOLANG, RPC

- → Implemented a Distributed MapReduce system with a master-worker architecture with a master process that hands out tasks to workers and copes with failed workers.
- → The worker process executes application Map and Reduce functions while concurrently managing file I/O operations.

COVID SEVERITY DETECTION | PYTHON, TENSORFLOW, KERAS

- → Designed and developed Machine Learning Classification and Segmentation (U-net) models for detecting and predicting disease severity in Covid-19 patients using pre-trained architecture such as InceptionV3 and Res-Net.
- → Compared the performance and accuracy of the different architectures. The model's accuracy ranged from 88 to 95% On CT-Lungs images trained using various hyperparameters.

ACHIEVEMENTS

- → Leetcode Profile : leetcode/broly
- → Achieved a Leetcode contest rating of -1750 and solved over 700+ questions, placing in the top 9% of competitors.
- → Ranked 1786 out of 20k+ participants globally in the LeetCode weekly contest held on October 29, 2022.

SKILLS

PROGRAMMING

Python • Golang • JavaScript SOL • C++

LIBRARIES/FRAMEWORKS

Backend Development:

Flask • Django • Golang RPC

Frontend Development:

AngularJs • VueJs • HTML5 • CSS

ML and Data Science:

Numpy • Keras • Tensorflow

DATABASES

Postgresal • Mysal • MongoDB

TOOLS/PLATFORMS

Git • Docker

EDUCATION

VISHWAKARMA INSTITUTE OF INFORMATION TECH.

BACHELOR IN TECHNOLOGY July 2018- July 2022 | Pune, India Cum. GPA: 9 / 10

Coursework

Distributed System Data Structure & Algorithms Object Oriented Programming Database Management System Operating System Machine Learning/Deep Learning High-level Design (HLD) Low-level Design (LLD) RESTful API Design Microservices Architecture