

RONELL SALUNKE

Software Engineer

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EXPERIENCE

Software Engineer (Intern)

Simulation Software and Technology (S2T) PTE LTD, Singapore

February 2024 - March 2024

- Developed an Android Real-Time Communication (RTC) chat application and developed its backend infrastructure utilizing FastAPI, Docker, and AWS S3 for quicker deployment.
- Engineered an internal document enrichment tool leveraging diverse Machine Learning (ML) models.
- Fostered collaborative efforts across multifaceted teams, spanning from web development to DevOps initiatives.

Public Relations/Android Developer

Projekt (PRJKT) Development LLC, USA

August 2019 - February 2021

- Enhanced operational efficiency by optimizing turnaround time and fixing a multitude of bugs, resulting in increased user acquisition by 7% and subsequent sales growth.
- Proactively nurtured client relationships, ensuring satisfaction and loyalty, while actively gathering and leveraging valuable product feedback.

EDUCATION

Symbiosis Institute of Computer Studies and Research (SICSR)

Pune, MH, India

M.Sc. Computer Applications (Data Science) (GPA 8.3/10)

June 2022 - April 2024

University of Mumbai

Mumbai, MH, India

B.Sc. Information Technology (GPA 8.22/10)

June 2018 - April 2021

SKILLS

Languages: Python, Java/Kotlin, C/C++, HTML, Javascript

Frameworks: Android SDK, Flutter, Hadoop, Flask, FastAPI, Bootstrap

Databases: Relational (MySQL, SQLite), NoSQL (MongoDB)

Data Science and ML: SciKit Learn, Tensorflow, Pandas, NumPy, Matplotlib, Seaborn, OpenCV

DevOps and API Tools: Git, Docker, Kubernetes, Swagger, Linux

PROJECTS

- **Deepfake Detection API (FastAPI, Docker):** Wrapped Deepfake detection model with FastAPI and Dockerized for easy deployment, created a basic frontend using HTML [GitHub](#)
- **Kollage (Android SDK):** Native Android client for Lorem Picsum API, uses Jetpack Compose. [GitHub](#)
- **LinkTile (Android SDK):** Wear OS tile app to display my LinkedIn profile as a QR code for easy sharing. [GitHub](#)
- **Image Classification Autoencoder (Tensorflow):** Denoising autoencoder for MNIST digit classification. [GitHub](#)
- **Titanic-BigData (Pandas, Hadoop):** Analysed Titanic passengers dataset and performed various map-reduce operations to draw insights. [GitHub](#)
- **Emergency Hotline Visualizations (Pandas, Matplotlib, Seaborn):** Analysed 911 emergency calls data, displaying insights. [GitHub](#)
- **Invisibility Cloak (Python, OpenCV):** Masking cloak that uses the on-device webcam for live input. [GitHub](#)
- **Movie Recommendation System (SciKit Learn):** Content description based movie recommendation system using TF-IDF and Cosine similarity. [GitHub](#)
- **Golang Webserver (Golang, HTML):** Simple HTTP server built with Go for serving static pages. [GitHub](#)

PUBLICATIONS

- Prediction Model for Stock using Machine Learning Algorithm [Link](#)
- CBF-NLP based Hybrid Model for Movie Recommendation System

CERTIFICATES

- Deep Learning using Tensorflow, Data Science Foundations L1 - IBM - 2023
- Python3, C, C++ Trainings - Spoken Tutorial Project at IIT Bombay - 2019