

# RONELL SALUNKE

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## Experience

### Consultant - Delivery

February 2025 — Present

Stetig Consulting Pvt. Ltd.

Pune, India

- Designed apps and web portals in Figma, developed **Flutter** apps based on these designs, iterating as per client feedback
- Created an internal Flutter template app, including a robust networking layer and architecture for new client apps following modern best practices, currently used in production
- Significantly reduced APK size (from **~36.1mb** to **~26.5mb**) for a client's mobile app by removing dead code, redundant and deprecated dependencies and optimising resources and build configurations
- Ported a reverse proxy service from **Spring** to **Go**, causing a reduction in monthly AWS EC2 costs by **~43%**
- Built a CLI tool to quickly build and deploy development APKs to Google Drive to share with the Testing team (**Go, Rclone**)

### Software Engineer (Intern)

February 2024 — March 2024

Simulation Software and Technology (S2T) PTE. Ltd.

Singapore (Remote)

- Developed an Android RTC chat application and its backend infrastructure (**Java, Android SDK, FastAPI, Docker, AWS S3**)
- Engineered an internal document enrichment tool utilising machine learning models

### Public Relations/Android Engineer

August 2019 — February 2021

Projekt (PRJKT) Development LLC

USA (Remote)

- Worked on bug fixes and maintenance work across PRJKT's app portfolio, including upgrading apps to support Android 12
- Nurtured client and customer relationships, gathering product feedback

## Education

### Symbiosis Institute of Computer Studies and Research (SICSR)

June 2022 — April 2024

MSc. Computer Applications (Data Science) - CGPA 8.3/10

Pune, India

### University of Mumbai

June 2018 — April 2021

BSc. Information Technology - CGPA 8.2/10

Mumbai, India

## Skills

- **Languages:** Python, Java/Kotlin, C/C++, HTML, JavaScript, Dart, Go
- **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 Misc. Tools:** Git, Docker, Kubernetes, Swagger, Linux, Jenkins

## Projects

- **FlutterDex (Flutter):** Flutter client for PokeApi, follows MVVM architecture and Provider for state management ([GitHub](#))
- **Deepfake Detection API (FastAPI, Docker):** Wrapped a deepfake detection model with FastAPI and Dockerized for easy deployment, created a basic frontend using HTML ([GitHub](#))
- **LinkTile (Android SDK):** Tiny (230kb) Wear OS tile app displaying my LinkedIn profile as a QR code ([GitHub](#))
- **Image Classification Autoencoder (TensorFlow):** Denoising autoencoder for MNIST digit classification ([GitHub](#))
- **Titanic-BigData (Pandas, Hadoop):** Dataset analysis, performed various map-reduce operations ([GitHub](#))
- **911 Visualisations (Matplotlib, Seaborn):** Analysed 911 emergency calls data, displaying various visualisations ([GitHub](#))
- **Invisibility Cloak (Python, OpenCV):** Masking cloak that uses the on-device webcam for live input ([GitHub](#))
- **Golang Webserver (Go, 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 ([Link](#))
- Machine Learning - Book Recommendation Using KNN