Rangel Anselm Koli

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Career Objective

To apply my technical skills and growing knowledge of software development to contribute to the efficiency and effectiveness of a leading software company, specifically in the areas of process automation, custom application development, and internal tool optimization.

Technical Skills

Languages: Python, JavaScript, Java, C++, HTML, CSS
Frameworks: React, Django, Flask, React Native
Developer Tools: VS Code, Git, Jupyter Notebook, Postman
Libraries: TensorFlow, Keras, OpenCV, PyTorch

Education

Syracuse University	Syracuse, NY
Masters of Science in Computer Science	*Anticipated May 2025*
St. Francis Institute of Technology(Mumbai University)	Mumbai, MH
Bachelors in Information Technology	*August 2019 – May 2023*

Projects

WalkSafe | *React-Native, Flask, Supabase, Google Cloud, Crime Data Analysis, Real-time Location Tracking, Route Optimization*
- Developed a mobile application using React Native to enhance user safety and connectivity by providing real-time location tracking of friends and family.
- Implemented a route optimization algorithm using Flask and crime data analysis to suggest safer paths for users, improving their navigation experience.
- Created a Check-In service using Supabase to automatically send notifications to loved ones upon reaching designated destinations, providing peace of mind and security.

FindX (Missing Persons Website) | *React-Native, Flask, Supabase, Google Cloud, Crime Data Analysis, Real-time Location T*
- Developed a web application using Django and Python to assist law enforcement agencies in efficiently tracking and verifying the whereabouts of missing persons.
- Integrated the DeepFace library to enable real-time image comparison for faster identification and verification, enhancing public safety measures.

Anonimo (Social Network) | *React-Native, Flask, Supabase, Google Cloud, Crime Data Analysis, Real-time Location Tracking*
- Built a social networking platform using Django, Python, and PostgreSQL to foster interaction and support for users in distress.
- Implemented a machine learning model to classify users based on their emotional states, providing appropriate support and resources.

Experience

Intern	March 2022 - May 2023
GRIP (The Sparks Foundation)	*Mumbai, MH*

- Designed and developed a user-friendly charity website using React, MongoDB, NodeJS, and JavaScript, resulting in a 9% increase in online donations.
- Collaborated with the team to enhance website design and functionality, leading to a 23% increase in user engagement and improved communication of the charity's mission.

Extra-Curricular

Volunteered for Madh Christian Koli Samaj: Won 1st Place in the Code Crush 1.0 Hackathon organized by St. Francis Institute of Technology
Soccer Participation: Volunteered for the Madh Christian Koli Samaj (NGO) in helping with medical camps for the elderly and organizing educational seminars for the youth
Video Gaming Leadership: Won 1st Place at the CuseHacks Beta 2024 Hackathon organized by Syracuse University
Content Creation: Created Content on "YouTube" for 15K active subscribers