ABHINAVA SAI BUGUDI

Software Engineer

Contact

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Websites, Portfolios, Profiles

- https://www.linkedin.com/in/bugudi-abhinava-sai/
- https://github.com/AbhinavBugudi69

Skills

Python, Java, Kotlin, TensorFlow, Scikit-Learn, Django, Flask, Android Development (Jetpack Compose), Git, SQL, Firebase, Data Structures & Algorithms

Results-driven **Software Engineering graduate** with expertise in **Python, Java, Kotlin, and Machine Learning**. Developed **Voxscribe**, an AI-powered **handwriting recognition app**, and implemented **ML models for currency recognition and housing price prediction**. Proficient in **Android development (Jetpack Compose), backend systems (Django, Flask), and data-driven applications**. Strong problem-solving skills with experience in **software design, algorithms, and scalable solutions**. Passionate about **AI, mobile development, and creating innovative tech solutions**.

Education

2022-09 - Current

Bachelor of Science: Software Engineering

University of Westminster - London, United Kingdom

- Machine Learning & AI Development
- Software Architecture & Design
- Data Structures & Algorithms
- Head of Chess society
- Member of Cricket Society

Key Projects

Voxscribe – Handwriting Recognition App
Python, TensorFlow, OpenCV, Flask, Android (Jetpack Compose)

- Developed an AI-powered **handwriting-to-text conversion app** with **93% accuracy**.
- Built a **cross-platform Android app** for seamless usability.

Housing Price Prediction Model
Python, Scikit-Learn, Flask, Pandas

- Designed an **ML model** to predict **London housing prices** with R^2 **= 0.89**.
- **Preprocessed 50,000+ housing records**, visualized trends using **Matplotlib & Seaborn**.

Android Country Guessing Game
Kotlin, Jetpack Compose, REST API, Firebase

- Built a **quiz app with real-time data retrieval** via a live API.
- Used **Kotlin Datastore** to store guesses

Professional Experience

2024-05 -
2024-10

Customer Service Advisor

Uniqlo Europe, City Of London, United Kingdom

- Increased customer satisfaction to 95% for over 500+ customers
- Contributed to team meetings with valuable input, fostering a collaborative work environment.
- Received "Best CS staff award" for 4 consecutive weeks