

Ali Malik

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EXPERIENCE

Crypto Mining Developer

Freelance

March 2024 - PRESENT

Developed and deployed mining software tailored for the Bittensor platform, leveraging Python to scrape YouTube videos and metadata.

Managed 5-8 Linux virtual machines (VMs) operating 24/7 to ensure uninterrupted data processing.

Created a high-efficiency pre-scraping crawler, capable of processing 2,000 to 4,000 videos per two-hour run.

Achieved an average request fulfillment time of 20 seconds per batch of 8 videos, handling 150-200 requests daily.

Generated monthly revenue of \$7,000 to \$9,000, depending on the price of Tao cryptocurrency.

Blanche Labs, remote— Full-stack Developer

July 2021 - September 2021

Contributed as a full-stack developer, focusing on both front-end and back-end tasks using React and Firebase/Firestore.

Designed and developed 10+ interactive views for the application, ensuring a seamless and user-friendly interface.

Maintained database integrity and managed user permissions, safeguarding data security and consistency across the platform.

Reviewed and refactored over 1,000 lines of JavaScript/React code to improve code quality, maintainability, and performance.

Processed and displayed complex statistics using GraphQL, enabling efficient data retrieval and presentation.

EDUCATION

King's College London, London— Computer Science

September 2019 - October 2022

Graduated with 2:1

SKILLS

Programming Languages:

Python, JavaScript, HTML/CSS

Frameworks & Libraries: React,

Pytorch

Database Management:

Firebase, Firestore

Operating Systems:

Linux, Windows

Blockchain Technology:

Bittensor platform

Software Development:

Full-stack development, neural networks, data scraping, API integration

Projects

Bi-gram prediction model from scratch

Hand motion computer control

Social Media platform for nutritionists/health professionals

Interface for LLama LLM

LANGUAGES

Urdu [Native]

English [Fluent]