

Mahmoud Al Khatib

Beirut, Lebanon | khatib.mahmut@gmail.com | [linkedin.com/in/mahmud-hatib](https://www.linkedin.com/in/mahmud-hatib) | github.com/1stMamut | [Portfolio](#)

EDUCATION

Bahcesehir University, Istanbul, Turkey

Aug. 2021 – May 2024

Bachelor's in Software Engineering

SKILLS

Languages: Python, JavaScript, SQL, Java

Frameworks & Libraries: FastAPI, Flask, PyTorch, OpenCV, FastHTML

Tools & Technologies: AWS, Docker, Git, Linux, Supabase, MongoDB, BeautifulSoup, Scrapy, Selenium

AI & LLM: Groq API, Anthropic API, Prompt Engineering, Multi-Agent Systems, LangChain

EXPERIENCE

Software Engineer

Sep 2025 - March 2026

Mergeflo

USA(remote)

- Architected an AI-powered SEO platform with multi-agent systems, migrating no-code architecture to production Python integrated with the company app, reducing production time 70% across 100+ monthly blog posts.
- Designed prompt templates and output schemas for LLM pipelines, ensuring structured JSON responses compatible with downstream CMS integrations.
- Optimized workflow costs by 96% through strategic model selection, cutting monthly expenses from 12,000 to 300 credits.
- Built CMS integrations (Webflow, WordPress), enabling automated publishing with 95% approval rate and 98% uptime.
- Developed Mergeflo, showcasing autonomous SEO/GEO concepts while managing client onboarding and communications.

Technical Intern

Jun 2025 - Aug 2025

Haceb Solution

Beirut, LB

- Supported daily backup operations and system monitoring, helping maintain 99% server uptime and data protection protocols.
- Resolved 5+ client technical issues and improved response efficiency

Computer Vision Intern

Aug 2022 - Feb 2023

Bucchelo Technology

Istanbul, TR

- Developed a Facial Recognition Door Lock with Python (OpenCV, NumPy, Pandas), consisting of 200+ lines of code, enhancing security features for IoT devices.
- Built and deployed software on **Raspberry Pi** and Arduino, reducing hardware integration time by 30%.
- **Collaborated** with a mechatronics engineer, optimizing workflows for Linux-based IoT systems and improving prototype deployment efficiency by 40%.

PROJECTS

Simple X/Twitter Scraper | Automation & Web Scraping Tool [Github.Link](#)

– March 2026

- Built a full-stack automation pipeline integrating RapidAPI (Twitter-API45) and the Airtable REST API to scrape, structure, and persist public Twitter/X profile data, including follower counts, bios, and recent tweet engagement metrics.
- Developed a live-updating frontend deployed on Vercel that renders scraped profile records in real time by polling the Airtable-backed /records endpoint after each scrape operation.

Wordlist Generator | AI-Powered Security Tool - [Github.Link](#)

Jul 2025 - Jul 2025

- Designed dynamic prompt construction logic using Groq AI API to generate context-aware outputs based on structured user input patterns.
- Implemented an intelligent algorithm combining personal information patterns with separator variations to create comprehensive password datasets.
- Created a web-based interface for security professionals, automating the wordlist generation process for security assessments..

Indoor Localization AI | Graduation Project

Jun 2024 - Jul 2024

- Developed a machine learning-powered indoor positioning system using Python, Random Forest, and Google Colab, achieving room-level accuracy in predictions.
- Designed and implemented a React Native mobile interface for real-time location tracking and user navigation.
- Conducted end-to-end testing and deployed the system in a production-like environment, reducing user navigation time by 40%.

Research Interest Clustering | Analysis Project

Apr 2024 - May 2024

- Built a Python-based data pipeline to scrape, clean, and preprocess web data, generating a dataset with 20% fewer inconsistencies for clustering analysis.
- Developed a TF-IDF keyword extraction and clustering model that identified 10+ meaningful research interest groups.