

# Taha Hamedani

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## Summary

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Backend-oriented Software Engineer with hands-on experience delivering production-grade systems across startups and SaaS products, including **CUFinder** and an AI-driven analytics platform (**CommentsAnalytics**). Strong expertise in **Python, Django, and REST API** design, with a focus on building scalable backend services, high-throughput data pipelines, and reliable automation systems.

## Skills

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**Programming:** Proficient with Python, C#; good understanding of Web, Git, DevOps

**Frameworks & Tools:** Django, Flask, Nestjs, RestAPI, Web Scraping, Docker, Apache Kafka, .Net Core, Wordpress, Javascript, NLP, SEO, Selenium

**Databases & Storage:** MongoDB, Redis, RabbitMQ, Neo4j, PostgreSQL

**Languages:** English (fluent), Persian (native)

## Experience

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**CommentsAnalytics** , Founder

Feb 2023 – July 2025

Built and owned an **AI-driven SaaS platform** end-to-end, covering backend, frontend, SEO, and go-to-market execution. Designed scalable **Python and Django-based** data pipelines to process and analyze large volumes of YouTube comments using advanced NLP techniques, delivering fast, reliable, and actionable insights. Experienced in transforming complex text data into business-ready visualizations that help companies, creators, and researchers better understand and engage their audiences.

- Built **Django and Python** pipelines to process large-scale social media text data
- Designed and launched a full-stack AI SaaS product from concept to production
- Implemented NLP models for **sentiment analysis, NER, keyword extraction, and topic classification**
- Developed a custom **Chrome extension** to ingest YouTube comments automatically
- Created **data visualization tools** that convert raw NLP output into actionable insights
- Led SEO and marketing efforts to improve product visibility and user acquisition

**CUFinder** , Backend Developer

Remote

June 2019 – July 2025

Worked as a **Backend Services Developer** building and optimizing data-intensive backend systems for **B2B contact** discovery and sales intelligence. Designed Python-based services to scrape, process, and structure high-volume data from multiple online sources, enabling reliable extraction of business and contact insights at scale. Focused on performance, data quality, and automation in backend architectures.

- Developed and maintained backend services for large-scale B2B contact and sales data extraction
- Designed Python-based web scrapers and crawlers to collect structured data from **LinkedIn, company websites, and search engines**
- Built data cleaning, normalization, and enrichment pipelines to improve accuracy and usability of extracted data
- Implemented RESTful APIs to expose processed data to internal systems and client-facing services
- Integrated message queues (RabbitMQ, Kafka) for distributed and asynchronous task execution
- Used Redis for caching, rate-limiting, and performance optimization

- Designed and maintained MongoDB data models for flexible, schema-efficient storage
- Built automation workflows to reduce manual intervention and improve scraping reliability

**BinaPardaz Shargh**, Software Developer

Feb 2014 – June 2019

ECG signals processing for **re-habilitation software**

- Developing rehabilitation applications that process and clean **raw ECG signals**
- Heart Rate calculation, signal denoising, and real-time visualization

## Education

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**MS**    **Ferdowsi University of Mashhad** ↗, Artificial Intelligence

Mashhad, Iran

- GPA: 18.63/20, ranked 2nd out of 30 students
- Working on Image Segmentation in RGB-D images

Sept 2011 – Sept 2014

**BS**    **Ferdowsi University of Mashhad** ↗, Software Engineering

Mashhad, Iran

- Working on An Ant Colony Optimization Approach to a Grid Workflow Scheduling Problem

Sept 2007 – June 2011

## Awards

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Ranked **2nd** among all Artificial Intelligence MS students at the Ferdowsi University of Mashhad, Iran

Admission to M.Sc. program as an **Exceptional Talent (without entrance exam)**, Ferdowsi University of Mashhad

Ranked **5th** among all Software Engineering BS students at the Ferdowsi University of Mashhad, Iran