

# Maham Wajid

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## SUMMARY

Backend-focused Software Engineer with 3+ years of experience architecting scalable microservices and high-performance APIs. Proven track record in building enterprise-grade CRM platforms using Python (FastAPI, Django) and modern frontend frameworks (React, Vue.js). Experienced in global remote collaboration and LLM evaluation, with a focus on reducing operational overhead through automation and robust system design. Committed to high code quality, performance optimization, and continuous learning under senior mentorship.

## SKILLS

**Languages:** Python (Expert), JavaScript, TypeScript, SQL, HTML/CSS

**Backend:** FastAPI, Django, Django Rest Framework (DRF), RESTful APIs, Microservices, System Design

**Frontend:** React.js, Vue.js (Vue 3), Redux, Tailwind CSS

**Data & Caching:** PostgreSQL, MySQL, MongoDB, Redis, SQLAlchemy, Alembic

**Infrastructure & Tools:** AWS (EC2, S3, Lambda), Docker, Git/GitHub, Celery, CI/CD (Basic), Swagger/OpenAPI

**Reliability & Ops:** Debugging, Performance Optimization, Logging/Monitoring, Error Handling, Failover Strategies

**Testing & Code Quality:** PyTest, unittest, Clean Code, Code Reviews

**Core CS:** Data Structures & Algorithms, OOP, OS, System Design

**AI/LLM Ops:** Prompt Engineering, RL-Gym, Terminal-Bench, OCR Data Labeling

## WORK EXPERIENCE

**Think Realty Real Estate Agency, Dubai**

Sept 2025 - Present

*Backend Developer*

- Architected and delivered a microservices CRM; 99.5% uptime; reduced manual operations 70% by using Python, FastAPI, and PostgreSQL, implementing 100+ database models with 44+ schema migrations and a 3-layer architecture (Presentation/Service/Repository) that processes 200+ listings and 10,000+ leads.
- Implemented customer automation solutions via 42+ REST endpoints, async processing, Celery/Redis, circuit breakers; 40% faster response; 10,000+ concurrent operations through background job processing.
- Built quality scoring + compliance automation; improved quality 35%, reduced portal rejections 60%, with structured logging + query optimization.
- Maintained technical documentation/runbooks for APIs, workflows, and operational processes to support onboarding and reliability.

**Turing, United States**

Sept 2025 - Present

*LLM Trainer & QA - Contract*

- Reviewed and validated OCR transcriptions in a labeling tool (image → text), enforcing annotation quality standards and delivering a 92–95% first-pass success rate on team submissions through systematic checks and defect reporting
- Designed and tested automation/task suites for Slack workflows and terminal-based tasks using 2 evaluation frameworks (RL-Gym, Terminal-Bench); benchmarked across 2 major model ecosystems (OpenAI + Anthropic) to consistently surface failure modes, strengthen task coverage, and improve the reliability of LLM evaluation outcomes

**Mercor, United States**

Dec 2025

*Data Annotator*

- Applied a structured “strong prompt” framework (context, clarity, constraints) to produce high-signal training/eval prompts and expert annotations, improving prompt consistency and reducing ambiguity across deliverables by 30%+ (measured via fewer clarification loops/rework iterations)
- Evaluated LLM outputs for reasoning and logic gaps (beyond simple retrieval errors), documenting and tagging 50+ distinct failure cases and root-cause patterns to strengthen Mercor’s evaluation rubric and accelerate reviewer calibration by 25% (faster agreement on pass/fail and error categories)

### Software Engineer

- Built and shipped 4+ international, production-grade applications end-to-end using Python (FastAPI/Django/Eve), PostgreSQL, AWS, and React/Vue, delivering robust APIs, clean UI flows, and multiple third-party integrations while maintaining high delivery quality across distributed stakeholders
- Drove measurable performance and reliability gains—achieving up to 35% faster response times by implementing caching, lazy loading, and SQL/query optimization, and strengthening uptime through backend failover strategies and stability-focused improvements
- Led execution and delivery rituals (planning, client demos, reviews, process improvements), increasing team throughput by 20% and raising engineering standards through code reviews, secure coding practices, and production readiness checks (logging/monitoring, error handling, deployment discipline)

## EDUCATION

### University of Engineering & Technology, Lahore

Oct 2019 - Aug 2023

B.S. in Computer Science

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Artificial Intelligence, Data Structures and Algorithms, Software Engineering, UI/UX

## PROJECT WORK

- **Think Realty, CMS:** Modular CRM that centralizes property data to power lead tracking, listing creation, and deal pipelines with audit-ready processes. Uses following tech stack: Python, Fast API, Microservices, Postgresql, Supabase, Git/Github, Railway, Linear
- **Ishowroom — Automotive, Creative Realities:** Developed and optimized an interactive vehicle showcase platform for dealerships, enhancing customer experience and system reliability through feature delivery, performance tuning, and codebase refinement. Used Python, Vue.js, PostgreSQL, AWS, JavaScript, TypeScript, Git/GitHub
- **Chips Loyalty — E-commerce:** Built and optimized Chips, a loyalty rewards app, enhancing scalability, performance, and availability across web and mobile platforms to ensure a seamless, low-downtime user experience. Used Python, Django, React, React Native, TypeScript, PostgreSQL, AWS, Git/GitHub
- **Outlier — Prompt Engineering:** Contributed to a collaborative platform for generative AI model training, ensuring high-quality data curation and optimization through prompt engineering, technical writing, and analytical problem-solving. Used PPython, Technical Writing, Analytical Reasoning, LLM Fine-tuning, LLM Evaluation, Bug Triaging, Test Coverage Research and Analysis

## AWARDS AND CERTIFICATES

- **Team of the year:** Award received at Devsinc for best performance throughout the year,
- Software Engineering Internship certificate at Qbatch
- Frontend Development with React on Coursera