# Uzair Rafiq

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## WORK EXPERIENCE

**Jaffer Business Systems | JBS AI** **April. 2026 – Present**

**Backend engineer / pre-sales**

- Developed core backend functionalities for JBS' flagship computer vision product working across a stack of Python, Kafka, Redis, Celery and PostgreSQL.
  - Extended the platform's functionalities by developing new modules for attendance reporting and camera downtime feeds, supporting real time alerts.
  - Assisted on bare-metal deployments onsite in 2 enterprises - wiring docker containers, infrastructure and configurations for a stable build.
- Led discovery and solution design for enterprise opportunities – notably Tapal, Thal Engineering and Lucky Motors. Delivered POC's, pitch decks and technical proposals.
- Built internal tools for pre-sales, including pricing sheets and automated PDF proposal generators.

**Freelance work | Upwork, various** **2023 – April 2026**

- Shipped 5+ projects for real clients, including landing pages and workflow automations
- Earned rising talent badge in 2024

**Creative Chaos** **May 2023 – Aug 2023**

**QA Intern**

- Executed 10+ QA cycles within an Agile team, tracking issues in Jira and supporting the delivery team.

## PROJECTS

**Orbis Solar | orbis.solar** **2026**

- Built and launched a solar planning calculator for Pakistan that uses real time satellite and geo-JSON data to calculator solar system size based on your electric bill and space on rooftop.
- Built across a stack of Turf.js, Mapbox API, google-maps API, Nextjs and deployed on Vercel

**Contrast – Ecom monitoring engine | FYP** **2025**

- Developed a concurrent product-scraping pipeline capable of processing 10,000 e-commerce products using Flask, Scrapy, Celery and asyncio.

## EDUCATION

**Habib University** **2021 - 2025**

**BS-Computer Science** *Karachi*

- Full scholarship grant at Habib University

## SKILLS

- **Backend and systems:** Python, FastAPI, PostgreSQL, Redis, Kafka, Celery, REST APIs
- **Frontend and product:** JavaScript, TypeScript, React, Next.js, React Flow, Zustand
- **Infrastructure & Tools:** Docker, Linux, Git, Jira, Supabase, Webflow, Framer