

Syed Waqar

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Summary

Senior Backend / Full-Stack Developer with **6.5+ years** designing and building scalable SaaS products, microservices, AI integrations, and modern cloud-based infrastructure. Recent experience as a solopreneur product owner/developer. Strong skills in backend architecture, performance optimization, mentoring, and delivering production-grade software.

Skills

- **Languages & Frameworks:** Python, Next.js, FastAPI, Flask
 - **Front-end / UI:** Vue 2 & 3, JavaScript, Tailwind CSS, HTML & CSS
 - **Databases & Storage:** PostgreSQL (via Supabase), MongoDB, MySQL, ClickHouse, Redis
 - **AI / Integrations:** LLM models, AI-powered modules (reply generation, analytics), Webhooks
 - **DevOps / Infrastructure:** Docker, Kubernetes, CI/CD pipelines, Azure, Supabase authentication & storage, Cloud deployment
 - **Data / Analytics:** E-Charts (visualization), ETL, BI dashboards, analytics reports
 - **Messaging / Queuing:** Kafka, Celery, Dramatiq, Redis queues
 - **Other Strengths:** System architecture, scaling, clean & maintainable code, mentoring, product-ownership mindset
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Certifications

- Scrum Fundamentals Certified (SFC™), SCRUMstudy — 2024
 - Python (Basic) — HackerRank, 2024
 - REST API (Intermediate) — HackerRank, 2024
 - SQL (Intermediate) — HackerRank, 2024
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Professional Experience

Solopreneur / Product Owner & Lead Developer — RateBizz

Staging / ready for launch — October 2025

- Developed **RateBizz**, an AI-based GMB (Google My Business) review management system, enabling users to connect multiple GMB locations.
- Features include: bulk AI-powered responses to reviews, analytics dashboards, downloadable reports for review & performance.
- Built using **Next.js** for frontend, **Tailwind CSS** for design / styling; **E-Charts** for graphing & data visualization.

- Backend / Storage / Auth handled via **Supabase** (PostgreSQL, storage, authentication).
- Integrated LLM models for generating reply content to reviews; focused on automating tedious parts of review management.
- Managed end-to-end product development: UI/UX, front-end & back-end coding, authentication flows, storage, deployment, staging environment at dev.ratebizz.com.

Senior Backend Developer / Full-Stack Developer

ContentStudio (SaaS, Social Media / Content Marketing) · April 2021 – Present (Hybrid)

- Led migration of core services: Flask → FastAPI, Vue2 → Vue3, Redis → Kafka, Elasticsearch → ClickHouse
- Built analytics & competitor analytics modules for Facebook & Instagram using Python jobs with Dramatiq; optimized scheduling with Argo Workflows
- Redesigning inbox (real-time comment/message management) system: moved from Redis-queue to Kafka-based architecture using FastAPI + MongoDB for high throughput and lower latency
- Integrated AI-based modules: caption generation, hashtag suggestions, image generation through external AI APIs
- Backend systems serve tens of thousands of SaaS users across **8+ social media platforms**
- Mentored junior developers; conducted code reviews; helped improve coding standards and architecture decisions

Backend Developer / Data Pipeline Engineer

Biome Analytics (Healthcare Analytics) · February 2019 – March 2021 (Remote, US-based)

- Owned development and maintenance of “Command Center” tool used by ETL & BI teams
- Orchestrated ETL & BI pipelines using Celery (with Redis broker)
- Migrated execution environment: Azure servers → Docker containers on Kubernetes
- Developed QA & approval workflows for data integrity before dashboard generation
- Created Python scripts to transform real hospital data into realistic dummy data for sales / demo use

Professional Projects

- **RateBizz** (Solopreneur SaaS Product) – AI-based GMB review management system; staging; built with Next.js, Tailwind, Supabase, E-Charts, LLM models. (Launched / launching Oct 2025)
 - **ContentStudio Analytics Engine** – Real-time & periodic analytics over 8+ social platforms; competitor analysis; high performance with Python, ClickHouse, Kafka.
 - **ContentStudio Inbox System** – Unified inbox for comments/messages; real-time processing; scalable, resilient architecture.
 - **Biome Analytics Command Center** – Internal tool for ETL / BI orchestration in healthcare domain; data transformation, QA, dashboards.
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Education

Bachelor of Science in Computer Science (BS-CS)

COMSATS University, Islamabad – 2015-2019

CGPA: 3.27 / 4.0

Final Year Project (8th Semester)

- **Title / Description:** Android app that captures image of Electric Circuit Diagrams as input, sends it to Python server to process (segmentation, clustering, classification), identifies circuit components, detects circuit nodes. Stores complete information in a text file, then executes it on MATLAB to display simulation output.
 - **Technologies used:** Android (Java), Python, Flask, Keras (TensorFlow, CNN), OpenCV
 - **Achievement:** First-position in Comsats Career & Project Expo
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Achievements & Highlights

- Built and delivered a complete, production-ready SaaS product (RateBizz) as solo developer-founder.
 - Successfully migrated major legacy systems to newer, more scalable tech stacks.
 - Integrated AI features into SaaS products (automated content generation, analytics).
 - Scaled systems to support tens of thousands of users across multiple platforms.
 - Mentored junior teammates and drove improvements in architecture and code quality.
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Additional Information

- Languages: English (Professional), Urdu (Native)
- Work Preference: Remote / Hybrid
- Availability: Immediately