

# Hamza Malik



## Senior Full-Stack Engineer | AI SaaS & Distributed Systems | AWS Cloud

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### 01 PROFILE

Senior Full-Stack Engineer with 8+ years building scalable SaaS platforms and data-intensive web applications in fast-paced startup environments, with strong ownership across system architecture and product delivery. Experienced in designing distributed backend systems, scalable APIs, and high-impact product features end-to-end.

Strong ownership mindset with proven ability to lead technical decisions, improve system architecture, and ship production systems used by global users.

**Primary stack:** TypeScript, Node.js (NestJS), React, PostgreSQL, MongoDB, AWS, Docker, Terraform, distributed systems, async architectures, CI/CD.

### 02 EMPLOYMENT HISTORY

09/2024 — 01/2026

#### Senior Full Stack Engineer at CodeCraft Studios

Dubai

- Led end-to-end development of two production AI SaaS applications in a fast-paced startup environment, designing scalable backend services, APIs, and deployment workflows from architecture to production.
- Architected distributed backend systems including RAG pipelines, asynchronous processing workflows, subscription lifecycle management, and third-party platform integrations across production SaaS applications.
- Owned critical system components, introduced coding standards, led code reviews, and improved engineering quality through automated quality checks.
- Designed and maintained CI/CD pipelines (GitHub Actions) and AWS infrastructure, enabling reliable deployments and production scalability.
- Introduced blue-green deployment strategy and Slack-integrated production alerting workflows, improving release safety and reducing incident response time.

05/2025 — Present

#### Founder & Lead Engineer at RagNXT

Dubai

- Designed and built a multi-tenant AI SaaS platform enabling distributed ingestion, indexing, and retrieval workflows.
- Architected backend systems handling document processing pipelines, embeddings infrastructure, vector search, and agent-driven workflows.
- Implemented scalable cloud deployment architecture and production CI/CD pipelines.
- Led product architecture end-to-end from concept to production-ready platform.

## Full-Stack Engineer at Wisoft Solutions

Dubai

- Contributed to architecture and backend development of multiple production web platforms and distributed services.
- Took ownership of a critical legacy production application, refactoring complex components to restore stability, performance, and long-term maintainability.
- Improved frontend architecture and performance across production systems, achieving 95+ Google PageSpeed scores and enhancing overall user experience.

05/2021 — 03/2023

## Full-Stack Engineer at Hatch Techs / Jagahonline

Karachi

- Built and launched large-scale data-driven platforms serving 1M+ users, designing scalable APIs and high-volume data workflows.
- Designed and implemented RESTful APIs and high-volume data pipelines, powering property listings, search functionality, and user interactions at scale.
- Contributed to architecture discussions and code reviews, supporting maintainable system design and shared technical standards across the team.

01/2018 — 01/2021

## Freelance Full-Stack Engineer (Remote)

- Worked with a US-based team on complex data science and computer vision systems, structuring raw data programmatically and extracting actionable insights.
- Built backend APIs for a computer vision service that extracts vehicle license plate data, converting image inputs into structured analytical datasets.
- Developed backend services for data-intensive systems supporting real-time processing and analytics workflows.

## 03 EDUCATION

Jan 2018 — Jan 2021

### Muhammad Ali Jinnah University

Karachi

Bachelor of Science in Software Engineering

## 04 SKILLS

TypeScript, JavaScript (ES6+), Python

Node.js, NestJS, REST API design, distributed systems, asynchronous messaging patterns

React.js, Next.js, TypeScript

AWS (Lambda, ECS, S3, RDS), Docker, Terraform, CI/CD (GitHub Actions)

MongoDB, MySQL, PostgreSQL

OAuth2, JWT-based authentication

Jest, Test-Driven Development (TDD)

Microservices architecture, event-driven architecture, scalable distributed systems

## 05 LANGUAGES

English



German

