

SAAD JAWAID

Backend Developer | Full Stack Web Developer

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PROFESSIONAL SUMMARY

Full stack web developer with 9+ years of professional experience designing and developing scalable backend services. Proven track record in team leadership, cloud infrastructure (AWS/GCP/DigitalOcean), CI/CD automation, and microservices architecture. Experienced across multiple industries working with Node.js, Golang, PHP, and Python ecosystems.

TECHNICAL SKILLS

Frontend: HTML, CSS, JavaScript, jQuery, ReactJS, Angular

Backend: Node.js, Express.js, NestJS, TypeScript, Golang (Gin, Iris), Core PHP, WordPress, Laravel, Python, Django, FastAPI

Databases: MySQL, PostgreSQL, MongoDB, Redis, ArangoDB, Elasticsearch, OpenSearch, Vector DBs (pgvector/PostgreSQL, Pinecone, Weaviate)

Messaging & Queues: Apache Kafka, BullMQ, RabbitMQ, Socket.IO, gRPC

DevOps & Cloud: Docker, Kubernetes, AWS (EC2, S3, Cognito, IAM, Lambda, Lex, Kendra), GCP, Digital Ocean, GitHub Actions CI/CD, Sentry, Terraform, Infrastructure as Code (IAC)

Automation: N8N, Zapier, Google Cloud Functions

Tools: Git, GitHub, Slack, Zoom, Trello, VSCode, Linux, Jira, PM2, Claude Code, Gemini CLI, OpenAI Codex

AI / ML: LoRA (Low-Rank Adaptation for LLM fine-tuning), AWS Lex, AWS Kendra, Conversational AI, Intelligent Search

Management Skills: Team Leadership, Mentoring & Coaching, Code Review, Project Scoping, Agile/Scrum, Cross-functional Collaboration, Technical Roadmap Planning

WORK EXPERIENCE

Syncjourney - Tech Lead

Karachi, Sindh, Pakistan | Full-time | Hybrid | Oct 2024 – Present

Rocket Digital - N8N Engineer

Remote, USA | Project-Based | Apr 2025 – Jun 2025

V For Technology - Development Team Lead

Riyadh, Saudi Arabia | Full-time | Remote | Mar 2023 – Sep 2025

Musketeers Tech - Lead Backend Engineer

Pakistan | Full-time | Remote | Aug 2022 – Mar 2024

Objectual Systems Ltd - Senior Backend Engineer

Pakistan | Full-time | On-site | Jan 2021 – Sep 2022

Objectual Systems Ltd - Node.js Executive

Karachi, Sindh, Pakistan | Full-time | On-site | Aug 2020 – Jan 2021

TAMEER GHAR - Associate Software Developer

Karachi, Sindh, Pakistan | Full-time | On-site | Aug 2019 – Dec 2020

Crud Tech - Web Developer

Pakistan | Full-time | Apr 2017 – Jul 2019

KEY QUALIFICATIONS & RESPONSIBILITIES

- Led and mentored cross-functional backend engineering teams, driving code quality standards, test coverage, and on-time project delivery across multiple enterprise products.
- Architected and optimized high-performance backend systems using horizontal and vertical scaling strategies, significantly reducing latency and improving system reliability.
- Designed and enforced Role-Based Access Control (RBAC) and multi-layer authentication systems across distributed microservices architectures.
- Integrated AWS Cognito (user pools and identity pools) as a scalable authentication provider, alongside fine-grained AWS IAM policy management for secure access control.
- Engineered S3 multipart upload pipelines capable of handling files exceeding 100 GB, ensuring fault-tolerant and resumable data transfer at scale.
- Built and maintained scalable backend services using Node.js with MySQL, PostgreSQL, MongoDB, Redis, and Vector DBs — supporting real-time, data-intensive applications.
- Implemented Redis caching strategies and gRPC-based inter-service communication to reduce API response times and improve throughput across message queue systems.
- Designed and deployed Infrastructure as Code (IAC) solutions using Terraform, provisioning load balancers, auto-scaling groups, and cloud networking on AWS and GCP.
- Established end-to-end CI/CD pipelines using GitHub Actions — building Docker images, pushing to AWS ECR and Docker Hub, and orchestrating zero-downtime deployments on EC2 and Kubernetes clusters.
- Applied LoRA (Low-Rank Adaptation) techniques for fine-tuning large language models (LLMs), enabling domain-specific AI capabilities within product features.
- Developed and deployed serverless solutions using AWS Lambda and Google Cloud Functions, integrated with workflow automation tools including N8N and Zapier.
- Delivered conversational AI and intelligent search features using AWS Lex and AWS Kendra, enhancing user engagement and reducing manual support workload.

EDUCATION

Bachelor of Science in Computer Science

Lincoln University, Malaysia | 2020 – 2024

Software Engineering Diploma

Aptech Karachi, Pakistan | 2017 – 2020

Intermediate – Computer Science

Bahria College Karachi | 2019

Matriculation – Computer Science

Bahria College Karachi | 2017