Abdul Haseeb

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Summary

Senior Full-Stack Engineer building scalable cloud-based systems, web applications, and data platforms. Experienced in backend architecture, frontend development, and analytics pipelines with a focus on performance and cost efficiency. Currently transitioning towards ML/AI engineering with experience in LLMs and automation.

Skills

Languages: JavaScript, TypeScript, Python, PHP, SQL

Frontend: React, Next.js, React Native, Expo, Tailwind CSS, MUI, AntDesign, jQuery, PWA

Backend: Node.js, Express.js, Nest.js, FastAPI, tRPC, Laravel, Strapi, Socket.io, BullMQ

AI/ML: RAG, LangChain, FAISS, pgvector, OpenAI, Anthropic, Ollama, Gradio, AI Agents, Embeddings, Stable Diffusion, LLM Engineering

Databases: PostgreSQL, MongoDB, MySQL, Firebase, Supabase, Prisma, TypeORM

Cloud & DevOps: AWS (EC2, S3, RDS, Amplify, ECR, ECS, AppRunner, Lambda), GCP (BigQuery, Cloud Run, Workflows, Vertex AI, Dataflow, Apache Beam, Cloud Storage), Docker, GitHub Actions, CI/CD

Tools: Git, GitHub/Gitlab, Postman, Figma, OpenSCAD

Experience

Full Stack Engineer, Texinity Technologies — Feb 2026 – Present

- Designed and delivered multi-tenant data lake pipelines for a large-scale client using Dataflow and Apache Beam, enabling high-volume ingestion and transformation across multiple downstream tenants
- Developed an enterprise-grade analytics platform on GCP leveraging BigQuery and Cloud Workflows, optimizing large-scale data processing and reducing cloud costs by 10% across multi-tenant workloads
- Consolidated numerous Cloud Run jobs into a centralized, scheduled Cloud Workflow for a high-traffic system, orchestrating diverse processes in a single pipeline to streamline operations, improve performance, and reduce operational overhead
- Built automated testing infrastructure for internal AI endpoints by developing dynamic test-generation scripts and maintaining timestamped test records in Cloud Storage, ensuring reliability and scalability for a large, multi-client environment

Full Stack Engineer, NESL — Aug 2023 – Jan 2026

- Led end-to-end development of full-stack solutions, including backend architecture, frontend development, AWS infrastructure setup, and CI/CD automation, reducing deployment time by 45%.
- Engineered an AI-driven CAD generation tool by integrating OpenSCAD with generative AI, significantly accelerating 3D design processes and reducing manual effort by 60%.
- Developed PWA applications with TikTok-style features using tRPC, LangChain, and generative AI; optimized with LangChain to improve agent context handling and response accuracy, increasing user satisfaction.
- Integrated secure payment workflows with Stripe and deployed headless CMS solutions using Strapi, enabling 99.9% uptime and seamless content management for clients.
- Collaborated on multiple team projects and independently delivered complete solutions for diverse client requirements.

Full Stack Engineer, Bloom. — Jul 2022 – Jul 2023

- Built and delivered end-to-end applications using React, Next.js, and Node.js, ensuring performance optimization and timely project completion.
- Designed and deployed an automated booking platform that streamlined scheduling processes, reducing manual

effort by 40%.

- Integrated complete Stripe payment systems, improving transaction reliability and enabling scalable payment processing.
- Created a mobile-responsive management and calculation application for a trucking business, boosting operational efficiency and reducing reporting time by 30%.

MERN Stack developer, Freelance Mar 2020 – Present

- Designed and maintained a full-featured influencer marketing platform, covering frontend, backend, AWS deployment, CI/CD pipelines, and role-based access control.
- Developed a real-time concert application allowing users to submit song requests, supported by an admin dashboard and large display system, optimized for high concurrency using Next.js.
- Implemented secure token lifecycle management for TikTok, YouTube, and Instagram APIs, including automated refresh mechanisms.
- Built a contract-based collaboration platform similar to Upwork, enabling structured agreements between clients and service providers.
- Delivered AI-powered automation solutions to help businesses streamline workflows and improve operational efficiency.

Projects

BizPerks cityperks.ai

- Built a comprehensive platform connecting businesses with residential users, including analytics dashboards, offer management, news aggregation, and alert features. Led full development of frontend, backend, database architecture, and cloud deployment over a 6-month period.

Influencer Marketplace influindex.com

- Developed a complete marketplace for influencers and brands, including campaign management, social media integrations, and advanced analytics. Delivered end-to-end solution with frontend, backend, cloud infrastructure, CI/CD, and RBAC over more than a year.

Digital Parking Solution airr-space.netlify.app

- Created an IoT-based smart parking system using MERN stack, Expo, Socket.io, Python, and Arduino, featuring real-time monitoring and machine learning-based computer vision capabilities.

Education

CUI, Islamabad, Bachelors Of Science In Software Engineering Sep 2019 – Jul 2023

- Completed in-depth coursework covering Database Systems, Operating Systems, Artificial Intelligence, Web Development, and Cloud Computing.
- Secured 2nd position in the Projects Expo with an IoT-based automated parking system combining full-stack development, machine learning, and hardware integration.

Achievements

2nd Place - COMSATS Projects and Career Expo 2023: Recognized for developing an innovative IoT-driven automated parking system that showcased strong capabilities in full-stack development, machine learning integration, and embedded systems.

Continuous Learning: Actively advancing skills through an LLM Engineering certification and a postgraduate diploma in Artificial Intelligence, with a focus on machine learning, AI systems, and automation.