

# Abdul Haseeb

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## Summary

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Full-Stack Developer specializing in modern web technologies and AI integration with experience in cloud architecture and DevOps. Proven track record of leading complex projects from conception to deployment, implementing scalable solutions using MERN stack, AWS services, and cutting-edge AI technologies. Passionate about leveraging automation and generative AI to streamline business processes and deliver innovative digital experiences.

## Skills

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**Languages:** JavaScript, TypeScript, Python, PHP, HTML, CSS, SQL

**Frontend:** React, Next.js, React Native, Expo, Tailwind CSS, MUI, AntDesign, Styled Components, Bootstrap, jQuery, PWA

**Backend:** Node.js, Express.js, Nest.js, tRPC, Laravel, Strapi, Socket.io, REST APIs, BullMQ

**AI/ML:** LangChain, OpenAI, Anthropic, Ollama, Stable Diffusion, Gradio, AI Agents, LLM Engineering

**Databases:** MongoDB, PostgreSQL, MySQL, Firebase, Supabase, Prisma ORM

**Cloud & DevOps:** AWS (EC2, S3, RDS, Amplify, ECR, AppRunner), CI/CD, Docker, Vercel, Heroku, Netlify

**Tools:** Git, GitHub, Stripe, Postman, Figma, NPM, OpenSCAD

## Experience

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**Full Stack Developer, NESL-IT** Aug 2023 – Present

- 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 Developer, Bloom** Jul 2022 – Jul 2023

- Delivered end-to-end React, Next.js, and Node.js applications, ensuring high performance and timely delivery for multiple client projects.
- Built and deployed a booking system that automated scheduling, reducing manual processes by 40% and improving customer onboarding efficiency.
- Implemented full Stripe payment workflows, increasing transaction success rates and enabling secure, scalable revenue streams for businesses.
- Developed a mobile-friendly calculation and management app for a trucking company, improving operational efficiency and cutting reporting time by 30%.

**Full Stack Developer, Freelance** Sep 2022 – Present

- Developed and maintained comprehensive influencer marketing platform including frontend, backend, AWS deployment, CI/CD, and RBAC implementation.
- Created a concert web app where users submitted song wishes in real time, with an admin dashboard and large-screen display; developed in Next.js to handle thousands of concurrent requests seamlessly.

- Built a complete flow for token management with TikTok, YouTube, and Instagram APIs, integrating dynamic token refresh and secure data handling.
- Implemented a contract-based collaboration system similar to Upwork, enabling structured project agreements for a client.
- Provided AI-powered automation solutions to help businesses optimize operational processes.

## Projects

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### CityPerks

cityperks.ai

- Comprehensive platform connecting businesses with residential customers, featuring analytics dashboards, offer management, news aggregation, and alert systems. Developed complete web frontend, backend architecture, database design, and cloud deployment infrastructure over 6 months.

### Influindex

influindex.com

- Full-scale marketplace connecting influencers with brands/agencies, featuring campaign tracking, social media data integration, and comprehensive analytics. Built from scratch including frontend, backend, cloud infrastructure with CI/CD, and role-based access control over 1+ year.

### IoT Automated Parking Solution

airr-space.netlify.app

- IoT-based parking system using MERN stack, Expo, Socket.io, Python, and Arduino for real-time monitoring with ML-powered computer vision capabilities.

## Education

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### COMSATS Institute of Information Technology, B.S Software Engineering

Sep 2019 – July 2023

- Completed comprehensive coursework in Database Systems, Operating Systems, Artificial Intelligence, Web Development, and Cloud Computing.
- Achieved 2nd place in Projects Expo with IoT-based automated parking solution integrating full-stack development, machine learning, and hardware programming.

## Achievements

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**2nd Place - COMSATS Projects and Career Expo 2023:** Awarded for innovative IoT-based automated parking system demonstrating expertise in full-stack development, machine learning integration, and hardware programming.

**Continuous Learning:** Currently pursuing LLM Engineering certification, focusing on advanced generative AI and automation techniques.