

# ABDUL MANAN

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## ABOUT ME

Software Engineer delivering scalable solutions across FinTech, Retail, AI, and Industrial Automation. Skilled in **Full-Stack Web Development**, **DevOps**, and working with multi-disciplinary teams. Proven ability to align technical solutions with business goals for clients in the **Middle East and the United States**.

## SKILLS

<b>Frontend</b>	Vue.js, React.js
<b>Backend</b>	Node.js, Nest.js, Express, Fastify
<b>Databases &amp; ORMS</b>	PostgreSQL, MongoDB, IndexedDB, InfluxDB, Sequelize, Prisma, MikroORM
<b>CI/CD Tools</b>	GitHub Actions, GitLab CI/CD
<b>Cloud Platforms</b>	Amazon Web Services (AWS)
<b>DevOps</b>	Git, Docker, Kubernetes, Helm
<b>Others</b>	GraphQL, Swagger, MQTT, Protocol Buffers, Linux, Bash Scripting
<b>Languages</b>	JavaScript, TypeScript, MongoDB Query Language, SQL

## EXPERIENCE

<b>Software Engineer (Backend)</b> Virtual World ( <b>IBEX</b> )	Sept 2025 - Current <i>Remote</i>
<ul style="list-style-type: none"><li>Designing &amp; implementing a multi-tenant architecture for a Ticketing System, ensuring database isolation per tenant, improving data security, and enabling scalable client onboarding.</li><li>Optimized API performance by replacing sequential database calls with parallel execution and integrating data loaders to cache and batch related queries, reducing database queries by over 80%.</li></ul>	

  

<b>Polyglot Engineer (Full Stack &amp; DevOps)</b> Cowlar Design Studio ( <b>YC-W17</b> )	June 2024 - July 2025 <i>Pakistan</i>
<ul style="list-style-type: none"><li>Led the end-to-end development of a Subscription Management Project for a Qatari FinTech company, translating client needs into actionable goals and managing the execution of the development team.</li><li>Optimized MongoDB queries, reducing query time by 75% on datasets with over 17 million records, enhancing data retrieval performance.</li><li>Built a Gift Card Processing System, managing over QAR 4 million in transactions within 20 days of launch, ensuring system scalability and reliability.</li><li>Designed &amp; developed a Web Application using AWS Amplify, Lambda, and S3 to manage tens of thousands of simultaneous file uploads, replacing a manual, error-prone process and improving visibility.</li><li>Collaborated on developing annotation tools and integrating in-house and Azure Machine Learning models, streamlining the annotation process and cutting annotation time by over 50%.</li><li>Architected a Bare-Metal Kubernetes Cluster with MetalLB for load balancing, Calico for network policies, CRI-O as the container runtime, and Helm for app management, ensuring scalability and efficiency.</li></ul>	

<b>Full Stack Developer</b> ezWifi ( <b>Techstars 23'</b> )	February 2024 - April 2024 <i>Remote</i>
<ul style="list-style-type: none"><li>Developed an analytics dashboard to monitor and visualize key metrics for deployed ezRouters, delivering actionable insights to clients.</li><li>Enhanced an admin portal to support remote router management, enabling administrators to perform configuration changes and restarts remotely.</li></ul>	

## EDUCATION

<b>Fast Nuces</b> Bachelor of Science in Computer Science	Islamabad, Pakistan 2020-2024
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