

Abdul Mohiz

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Summary

Results-driven **Senior Software Engineer** with over 7 years of experience in designing, developing, and delivering high-quality Web, Mobile, and TV applications. I thrive on architecting and implementing end-to-end web solutions, excelling in UI/UX design, server-side development, and database management. Adept at leading cross-functional teams, defining project requirements, and driving innovative solutions from concept to deployment. Passionate about building efficient, scalable, and impactful digital experiences.

Work Experience

Senior Software Engineer, Beko Global (Fortune 500) – Islamabad, PK | June 2023 – Present

- Lead the design, development, and maintenance of mobile, web, and TV applications for global consumer electronics products.
- Managed OS-level development for smart devices, ensuring stability, performance, and security compliance.
- Collaborated with hardware, design, and backend teams to define project specifications and delivery timelines.
- Improved release processes, reducing deployment time by 35%.

Sr. Software Engineer, Levitate Data – (Part-Time / Remote), PK | July 2022 – June 2024

- Developed and maintained KPK government and AI enterprise projects with scalable microservices-based backend architectures.
- Integrated location-based features using Google Maps API, improving user accuracy by 25%.
- Improved database query performance, reducing processing times by 40%.

Full Stack Developer & Team Lead, Alagzoo – Remote, PK | Nov 2021 – June 2023

- Led a cross-functional team to deliver custom SaaS solutions using MERN stack and AWS.
- Reduced feature delivery cycle time by 30% through CI/CD pipeline optimization.
- Designed and implemented scalable backend services and user-friendly frontends.
- Conducted code reviews, mentored junior developers on cloud infrastructure, and ensured best practices.

Front End Developer, Financials Unlimited – Abbottabad, PK | Oct 2020 – July 2021

- Developed SPAs and native app features for financial tools and AI-based applications.
- Collaborated closely with backend teams for seamless API integration and API development.
- Improved UI responsiveness and cross-platform compatibility, leading to 20% better user engagement.

Application Developer, IIPS – Abbottabad, PK | Mar 2018 – Oct 2020

- Designed and implemented Learning Management System (LMS) and staff management systems, improving efficiency and reducing manual work by 50%.
- Maintained and upgraded existing applications, reducing system downtime by 15%.

Projects

Arctobius Web Crawler

- Designed and delivered a data-intensive web scraping platform for the C-suite at Beko Global, enabling real-time competitor analysis, market segmentation, and strategic benchmarking to identify high-value consumer markets.
- Tools Used: Selenium, Python, React.js

Toothly.ai

- AI-powered dental diagnostics and patient management system, reducing manual consultation steps by 60% and providing detailed information to users about radiographs.
- Tools Used: Nest.js, React.js, GraphQL

RCOS SDK

- Integrated SDK into Arçelik smart devices, enabling advanced operational features for remote control. The primary objective is to provide users with a centralized platform for exploring the SDK.
- Tools Used: Nest.js, React.js

KYC (Know Your Customer)

- Developed an AI-based SaaS platform for verifying user documents (ID, license, passport) with KYB and AML features.
- Tools Used: Vue.js, Django, Node.js

RMRS

- Developed a taxation system for the KPK government that streamlined restaurant operations and boosted tax compliance rates by 40%.
- Tools Used: Node.js, Angular

Cannaby

- Developed a regulated e-commerce platform for cannabis products in the US, ensuring legal compliance and secure payments.
- Tools Used: Nest.js, React.js, Next.js

Urdu Language Chatbot

- ML-based NLP chatbot that leverages a custom Urdu corpus for multilingual communication
- Tools Used: Flask, HTML

Technical Skills

Languages: JavaScript, Python, Java, TypeScript, C/C++

Frontend: React.js, Vue.js, Next.js, Nuxt.js, jQuery, React Native, Angular

Backend: Node.js, Express.js, Nest.js, Django, Flask, RESTful APIs, GraphQL, Serverless, RAG

UI/Design: Material UI, Bootstrap, TailwindCSS, Vuetify, Material Design, SCSS

Databases: MongoDB, MySQL, SQLite, PostgreSQL, Redis, Firebase, DynamoDB

ORM: Prisma, Mongoose, TypeORM

Sockets: Socket.io, WebSockets, WebRTC

Cloud: AWS (Amplify, EC2, Lambda, S3, SES, SQS), Azure Apps, GCP

Tools & DevOps: Git, Docker, Kubernetes, Jira, Figma, Android Studio, Office 365, Ollama, GPT4All, Vercel, GitLab CI/CD, GitHub Actions, Nginx

Testing & Payment Gateway: Payment Gateways (Stripe, PayPal), Testing (Jest, React Testing Library, Cypress)

Education

Abbottabad University of Science & Technology, BS (Hons) in Computer Science | August 2015 – July 2019

- GPA: 3.2/4.0

Certifications & Courses

- Six Sigma Green Belt – Beko Global
- AWS Cloud Practitioner, Nest.js Zero-to-Hero – Udemy
- React v5, CSS Grid, Full Stack Development, Developer Tools – Frontend Masters

Languages

- English (Fluent)
- Urdu (Native)