

# Abdul Ghaffar

## Full-Stack Developer (MERN)

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## Objective

Aspiring **Full-Stack Developer** with a strong foundation in **MERN stack** and a passion for building scalable web applications. Skilled in both frontend and backend technologies, with experience in API integration, database management, and optimizing user experiences. Looking for an internship opportunity to apply my technical skills, contribute to innovative projects, and gain industry experience.

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## Education

### Bachelor of Science in Computer Science (BSCS)

SZABIST – Islamabad, Pakistan

**Current CGPA:** 3.8 | **Semester:** 3rd

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## Technical Skills

- **Frontend:** React.js, Next.js, HTML, CSS, Tailwind CSS, Material UI
  - **Backend:** Node.js, Express.js, Django, Strapi
  - **Database Management:** MongoDB, PostgreSQL, MySQL
  - **Version Control:** Git, GitHub
  - **Authentication & Security:** JWT
  - **Other Technologies:** REST APIs, WebSockets, Postman, Deployment on VPS using Nginx
  - **Programming Languages:** JavaScript, C++, Python
  - **Learnings on going:** Typescript, NestJs, Machine Learning, System Design
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## Projects

### 1. Portfolio Website

- Designed and developed a personal portfolio website using **Next.js and Tailwind CSS** to showcase projects, skills, and contact details.
- Optimized performance for fast loading and seamless navigation.

## 2. Investment Grabbing Website for Forex Trading Agency

- Developed a complete **MERN-based investment platform** that allows users to invest in forex trading schemes securely.
- Integrated real-time investment tracking and automated user notifications using WebSockets.
- Implemented user authentication and payment processing for secure transactions.

## 3. E-commerce Website

- Built a fully functional **e-commerce platform** with product listings, shopping cart, and checkout functionality.
- Integrated **secure payment gateways** and optimized the user interface for a seamless shopping experience.

## 4. Aughr - Custom Database Management System

- Designed and implemented a **Database Management System (DBMS) named Aughr** using **C++**.
- Developed a custom **query language (AQL)** for database operations, allowing users to perform CRUD operations efficiently.
- Built an optimized indexing system to enhance data retrieval speed.
- Ensured scalability and modularity for further enhancements.

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# Experience

## Freelance Full-Stack Developer

### Investment Grabbing Website | Other Freelancing Projects

- Worked with clients to develop **custom full-stack solutions**, including dynamic dashboards, API integrations, and database management.
- Delivered high-quality, responsive, and user-friendly web applications tailored to client requirements.
- Gained experience in problem-solving, debugging, and optimizing code for scalability.

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# Achievements

- **Solved 180+ LeetCode problems**, demonstrating strong problem-solving and algorithmic thinking.
  - Maintained a **CGPA of 3.8**, excelling in core CS subjects.
  - Successfully delivered multiple freelancing projects, showcasing technical expertise and client communication skills.
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## Certifications & Additional Skills

- **Advanced JavaScript & React.js** – Self-taught & applied in real-world projects
  - **RESTful API Development** – Hands-on experience with API design and integration
  - **Agile & Scrum Methodologies** – Experience working in team-based development workflows
  - **Deployment & CI/CD Pipelines** – Familiar with deploying applications using cloud services
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