# Salman Iyad Abualhin

## Full–Stack Engineer

### Gaza – Palestine

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## PROFILE

With over 4 years of experience in web development from Gaza, Palestine, specializes in building scalable applications using a variety of technologies. Expertise spans both frontend and backend development, with a particular focus on React, Next.js, Nest.js, and Express.js. Passionate about creating innovative solutions and successfully delivering numerous projects for clients worldwide.

Writes clean, maintainable code while staying up-to-date with the latest industry trends and best practices. Strong problem-solving skills and attention to detail enable tackling complex technical challenges effectively.

## KEY ACHIEVEMENTS

### Online Book Review System | GitHub Link↗

- Developed a comprehensive web application backend as part of the IBM training program, providing a robust RESTful API for book enthusiasts to manage books, write reviews, and interact with book data efficiently.
- Increased user engagement by 35% through secure and scalable application design.
- Executed secure user authentication and authorization using JSON Web Tokens (JWT), ensuring data protection and privacy.

### Fathker Quran Reminder – VS Code Extension | GitHub Link↗ | Extension Link↗

- Developed a Visual Studio Code extension that displays a random Quranic verse every hour, enhancing spiritual connection during coding sessions.
- Executed the extension using Bun.js and utilized TypeScript for robust and type-safe development, ensuring code reliability and maintainability.

### IEEEXtreme 18 Global Programming Competition

- Directed efforts for team GazaScript during the challenging IEEEXtreme 18 competition; achieved notable recognition by earning First place locally and reaching Seventeenth nationally out of hundreds globally, scoring an exceptional total of 1004 points.
- These accomplishments are a testament to our team's perseverance, technical prowess, and the exceptional training support from GazaSkyGeeks during demanding circumstances.

### Led the Development of an Amazon Clone | GitHub Link↗ | Live Website Link↗

- Supervised a team of 4 developers to complete a fully functional e-commerce platform with 100+ product listings.
- Enforced role-based access control and handled front-end and backend development using React.js, Redux, Bootstrap, Node.js, and Json-Server.
- Achieved delivery 2 days ahead of schedule, demonstrating resilience and the ability to work under pressure and coordinated the development process using Trello for timely delivery and effective workflow management.

*Check More Projects from here*

## EMPLOYMENT EXPERIENCE

**Full-Stack Engineer**                                                                          **Feb, 2023 – Present**

*Self Employed & Freelancer*

- Developed high-performance, feature-rich websites utilizing React, Next.js, Redux, Nest.js, and Express.js, resulting in a 30% increase in user engagement and 40% faster load times. Integrated advanced animations using Framer Motion, enhancing visual appeal and improving user experience ratings by 15%.
- Engineered and managed full-stack projects using a variety of tools, implementing authentication and user session systems that reduced security vulnerabilities by 25%. Streamlined performance, achieving a 20% boost in website speed and improving SEO rankings, increasing organic traffic by 35%.

**Full Stack Engineer | Intern | Remote**                                    **Dec 2024 – Feb 2025**

*Areisto Tech Compony | Gaza, Gaza Strip*

- Collaborated remotely with a development team on a start-up project, contributing to full-stack solutions using modern frameworks.
- Improved website performance by 40% using advanced optimization techniques, increasing user retention by 25%.
- Focused on creating scalable architecture and delivering high-quality, feature-rich functionalities.

**Database Engineer | Intern | Remote**                                      **Nov 2024 – Jan 2025**

*GazaSkyGeeks | West Bank*

- Designed and improved database systems using MySQL, PostgreSQL, and MongoDB.
- Optimized query execution time by 50% for large datasets, improving system efficiency for 10000+ users.
- Applied advanced techniques like query optimization, indexing, and sharding to ensure high performance, data consistency, and reliability in database operations.

**Volunteer Data Manager | Full-Time | On-Site**                             **Jan 2024 – Oct 2024**

*Al-Fajr Youth Association | Khan Yunis, Gaza Strip*

- Managed data collection, entry, and processing under challenging wartime conditions.
- Organized information for displaced populations, ensuring accuracy and efficiency, and upgraded internal systems to streamline data tracking and management processes.
- Played a key role in enhancing the internal data management system to track and manage displaced individuals' records efficiently.

**React.js Frontend Developer | Intern | On-Site**                           **May, 2023 – Oct, 2023**

*GazaSkyGeeks | Khan Yunis, Gaza Strip*

- Mastered advanced React.js techniques through hands-on projects, utilizing React Router, Hooks, Lazy Loading, Suspense, Axios, and Postman, ensuring optimized and dynamic user experiences.
- Designed and implemented high-quality user interfaces, with a focus on usability and performance, culminating in the successful development of a polished Upwork Clone project, showcasing expertise in modern front-end technologies.


## EDUCATION & CERTIFICATES

**Bachelor's Degree in Computer Systems Engineering**          **2021 – Present (Expected Graduation: 2026)**

*Palestine Technical College Deir El-Balah (PTCDB) – Deir El-Balah, Palestine*

- The program focused on providing a comprehensive understanding of computer systems, including hardware and software integration, networking, and programming.
- It covered core topics such as mathematics, boolean algebra, data structures, algorithms, digital circuits, electronics, operating systems, computer architecture and more advanced topics.

**Meta Front-End Developer Professional Certificate**          **July, 2024 – Nov, 2024 (9 course series)**

*Coursera – Meta*                                                                        *View Certificate*

- Learned modern front-end development best practices, focusing on responsive design, performance optimization, and interactive web solutions.
- Gained hands-on experience in creating user-centric apps and optimizing performance for scalability.

**Front-End Web Development**                                    **120 Total Hours - July 2024 - Oct, 2024**

*Sanad Frontend Program - Worknet*                                                       *View Certificate*

- Completed an interactive training program that covered foundational to advanced front-end technologies, including HTML5, CSS3, JavaScript, and Responsive Web Design principles.
- Gained expertise in React.js for dynamic, single-page applications.

**Become a Professional React Developer Specialization**       **Aug, 2024 – Sep, 2024 (5 course series)**

*Coursera – Scrimba*                                                                     *View Certificate*

- Mastered foundational to advanced React.js concepts, applying them to real-world projects.
- Enhanced problem-solving skills through curated technical challenges and prepared for interviews with industry-relevant exercises.

**Front-End Web Development Ultimate Guide**                     **92.5 Total Hours - Dec, 2022 - Feb, 2023**

*Josh Werner, Learn Tecc - Udemy*                                                        *View Certificate*

- Explored modern front-end technologies, including React.js, Redux, Bootstrap, and responsive design. Developed dynamic projects, focusing on building scalable, interactive, and visually appealing applications.

**Website Design – Front End Development**                    80 total hours, Jul, 2022 – Sep, 2022
*Technical Center for Training and Development (TCTD), Deir El-Balah – Palestine*          *View Certificate*

- Gained expertise in front-end web technologies like HTML5, CSS3, JavaScript, and jQuery. Focused on creating dynamic and user-friendly websites while mastering responsive design and modern development practices.

*Check More Certificates from here*

## CORE SKILLS

**Frontend Engineering:**

- React, Vite, React Native, Expo, Next.js, JavaScript, TypeScript, Redux, Redux Toolkit, Zustand, Context API, React Query, Formik, Yup, Webpack, ES6+.
- CSS Grid, Flexbox, Tailwind CSS, SASS, Styled Components, Material UI (MUI), Chakra UI, Bootstrap, React Bootstrap, Shadcn UI, Framer Motion, React Spring, 3D modeling with Three.js.

**Backend Engineering:**

- Node.js, Express.js, Nest.js, PHP Laravel, JWT, OAuth, bcrypt.js, Apollo Server, GraphQL, RESTful APIs, WebSocket.

**Database Engineering:**

- MongoDB, Mongoose, MySQL, PostgreSQL, Firebase, AppWrite, PhpMyAdmin.

**Development Tools:**

- VSCode, Cursor, Git, GitHub, Version Control, Continuous Integration (CI), ChatGPT, Trello, JIRA.
- NPM, Yarn, Bun, Netlify, Render, Vercel, AWS

**Testing & Optimization:**

- Debugging, Test-Driven Development (TDD), Jest, Performance and SEO Optimization.

**Soft Skills and Communication:**

- Good Communication Skills, Team Work, Team Lead, Collaboration.
- Fast Learning, Efficient Mentoring, Critical Thinking, Problem Solving.

**References:**

| Name | Role | Email Address |
|---|---|---|
| **Sohaib Arafat** | Program Tech Coordinator at *GazaSkyGeeks* | sohaib@gazaskygeeks.com↗ |
| **Dr. Soheir Harb** | Lecturer at *PTC* | sharb@ptcdb.edu.ps↗ |
| **Loay Qannan** | Full-Stack Developer & Lecturer at *PTC* | engloayqannan@hotmail.com↗ |
| **Moh. Nabahin** | Full-Stack Developer & Co-Mentor at *GazaSkyGeeks* | maanabahin2001@gmail.com↗ |