

Abdulla Fayyaz

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SOFTWARE ENGINEER | FULL STACK DEVELOPER

Passionate and results-driven Software Engineer | Full-Stack Developer with a strong foundation in web development, scalable architectures, and distributed systems. Proficient in React.js, Next.js, Node.js, Express.js, MongoDB, Firebase, and REST APIs, with experience in building dynamic, high-performance applications. Adept at frontend and backend development, cloud integration, and optimizing system efficiency. A quick learner and problem-solver, eager to contribute to innovative projects in an agile environment. Seeking a challenging role to apply technical expertise, collaborate with cross-functional teams, and advance in the software industry.

PROFESSIONAL EXPERIENCE

Self-Employed

Freelance Software Engineer | Full-Stack Web Developer - Remote

May 2024 - Present

- Designed and developed dynamic, scalable web applications using React.js, Next.js, and Node.js.
- Built and optimized RESTful APIs and backend services with Node.js, Express.js, and MongoDB.
- Integrated Firebase for real-time database management, authentication, and cloud storage solutions.
- Created responsive, user-friendly interfaces with Tailwind CSS, Bootstrap, and modern UI/UX practices.
- Deployed and maintained full-stack applications, ensuring high performance, security, and scalability.
- Worked with clients to understand project requirements, provide technical solutions, and deliver high-quality products.
- Managed project timelines, version control (Git), and collaborated in agile development environments.

CDAZZDEV (Ceylon Dazzling Dev Holding PVT LTD)

Software Engineer Intern - Remote

Sep 2023 - Mar 2024

- Gained hands-on experience in designing and developing innovative software solutions.
- Developed and implemented web scraping solutions using Python to extract and analyze data efficiently.
- Collaborated with a dynamic team to solve real-world technical challenges and enhance system performance.
- Worked on coding, debugging, and optimizing applications to improve efficiency and scalability.
- Contributed to various projects, applying problem-solving skills and modern development practices.
- Strengthened expertise in software engineering principles, agile methodologies, and industry best practices.

KEY SKILLS

Technical Skills

- Programming Languages: JavaScript (ES6), SQL, HTML, CSS
- Web Development: React.js, Node.js, REST APIs, Next.js, Full-Stack Development
- Database Management: SQL, NoSQL, MongoDB, Firebase
- Software Development: OOP concept, Data Structures & Algorithms, SaaS, Integration Testing
- Cloud & DevOps: Git, Version Control
- Frontend Development: Responsive UI Design, Bootstrap, Tailwind CSS

Soft Skills

- Strong problem-solving and analytical thinking
- Adaptability and eagerness to learn emerging technologies
- Effective communication and teamwork in agile environments
- Leadership and project management experience
- Passion for innovation and continuous improvement

TECHNICAL PROJECTS

Visual Salah Monitor

- A real-time Salah posture monitoring tool using TensorFlow.js PoseNet and React. Provides instant feedback on prayer postures with educational support, including posture guides and relevant Dua explanations. The system is designed for Muslims to improve their Salah, with special focus on new converts.

Tomato Adventure Quest

- An engaging web-based game built using React for the front-end, Node.js for the back-end, and MongoDB for data storage. The game features user authentication with secure login and registration, a dynamic game interface with a timer, restart options, and hearts representing lives. The game communicates with a university-provided Tomato game API to deliver real-time gameplay and updates, including a live scoreboard. Players can view their accumulated score and profile details.

Lanka Trading Enterprise E-Commerce

- Developed an e-commerce platform for a hardware business using React.js and Firebase, featuring a seamless shopping experience, secure backend operations, and a 24/7 customer service chatbot. Integrated product management for effortless inventory control.

OMAC Groups Ticketing Agency Website

- Developed a modern static website for OMAC Groups, a ticketing agency, using React, Bootstrap, and Firebase. Enabled seamless ticket booking, inquiries, and support services, integrating Firebase and EmailJS for secure contact forms, newsletter sign-ups, and instant notifications.

FortGrandJewels

- “BillingApp for FortGrandJewels” BillingApp is a sleek and efficient invoicing solution tailored for FortGrandJewels, designed to produce professional, premium-quality invoices that align with the brand's luxurious identity. Utilizing Next.js for a responsive interface, Firebase for real-time data management, and PDF.js for seamless PDF generation, the app simplifies billing workflows while ensuring elegance and precision in every invoice.

EDUCATION

Bachelor of Science - Graduated 2024

Software Engineering & Computer Science
University of Bedfordshire - SLIIT City Uni

SKILLS

Multilingual:

Proficient in English, Sinhala, and Tamil.

Quick learner

Ability to adapt and acquire new languages swiftly.