

# ADNAN ZAIB

## Head of Technology Development

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### SUMMARY

Currently acting as the Head of Technology Development, I lead the charge in creating cutting-edge software solutions that drive business growth and innovation. With a focus on strategic planning and execution, I oversee the entire development lifecycle, ensuring our technological initiatives align with company goals and industry best practices. With over six years of diverse software development experience, I have honed my expertise in the MERN stack, complemented by a solid background in various other technologies and platforms.

### PROFESSIONAL EXPERIENCE

**Head of Technology Development** 03/2022 - Present  
**Digital Custodian Company Limited** Islamabad

- Lead and manage a team of talented software developers, engineers, IT professionals, Software Quality Assurance teams, and aspects of the systems team.
- Develop and implement technology strategies and roadmaps to drive the company's software solutions forward.
- Oversee project management processes, ensuring timely and efficient delivery of software products.
- Stay abreast of emerging technologies and industry trends to continuously improve our software offerings.
- Ensure robust cybersecurity measures are in place to protect company data and software integrity.
- Optimize development processes and workflows to enhance productivity and quality.
- Foster a culture of innovation, collaboration, and continuous improvement within the technology team.
- Orchestrating all software development activities and driving the successful implementation of Ethereum, Nest, React, Node, and MongoDB technologies across various projects and applications.
- Overseeing the planning, execution, and delivery of multiple projects, effectively managing resources, timelines, and stakeholder expectations, ensuring the seamless integration of complex technologies, and meeting project objectives.
- Leading the implementation of comprehensive quality assurance processes and methodologies, ensuring meticulous testing and validation of all projects, and delivering high-quality software solutions that adhere to industry standards.
- Managing and providing strategic guidance to multiple teams within the software department, including frontend developers, backend developers, and QA teams, fostering a collaborative and innovative development environment to drive the company's success in delivering cutting-edge blockchain solutions.

**Freelance Developer** 11/2020 - Present

#### Freelance Platforms

- Specialized in Shopify, React JS, Next.js, and Nest.js, with proficiency in creating dynamic web applications and customizing themes to meet diverse client specifications.
- Proficient in using various React JS design libraries such as MUI, Semantic UI, Chakra UI, and ANTD to create visually appealing and user-friendly interfaces.
- Developed full-stack web applications using MongoDB, Express.js, React.js, and Node.js (MERN stack), demonstrating a deep understanding of back-end and front-end operations.
- Implemented RESTful APIs using Node.js and Express.js, improving data retrieval and interaction between server and client-side.
- Utilized MongoDB for database management, ensuring efficient data storage and retrieval.
- Successfully completed a range of projects, showcasing versatility in creating web applications for leading platforms including Shopify, WordPress, Wix, Square Space, and React JS.
- Collaborated closely with clients to understand their unique business needs and translated them into efficient and visually appealing web solutions.
- Utilized cutting-edge technologies and best practices to ensure high-quality deliverables and seamless integration of custom features.
- Demonstrated proficiency in resolving complex technical issues, ensuring smooth functionality, and delivering projects within tight deadlines.
- Developed custom e-commerce solutions for Shopify, enhancing the shopping experience and increasing conversion rates.
- Developed custom components in React JS, enhancing UI and UX across various web applications.
- Handled website maintenance and updates for clients, ensuring smooth operation and up-to-date content.



### TECHNICAL SKILLS

#### Frontend

HTML • CSS • Javascript(JS) • Typescript(TS) •  
Bootstrap • React JS • React TS •  
Tailwind CSS • MUI • Semantic UI • Ant-D •  
React-Bootstrap • Reactstrap • SCSS •  
Vechai UI • Elemental UI • Onsen UI •  
Chakra UI • Windi CSS • Tamagui •  
Shards React • Mantine • JSS •  
Styled Components • Evergreen • Redux •  
Redux Toolkit • Recoil • Valtio • Immer •  
NEXT JS • Formit • Yup • React Form Hook •  
Chakra UI • Websockets • Socket.io •  
Framer Motion • Three JS • Animate.css •  
Animista • React Toolbox • Axios • REST API's •  
GRAPHQL API's • Session Management

#### Backend

JavaScript (JS) • Typescript (TS) • Node JS •  
Node TS • Nest JS • Yup • Express JS •  
Mongoose • Nodemon • GO • JWT • SSL •  
CORS • Bcrypt • Multer • Websockets •  
Socket.io • REST API's • GRAPHQL API's •  
Hyperledger Fabric • Ethereum •  
Blockchain development • Smart Contracts •  
Solidity • Postman • Docker • PM2 •  
Data Encryption • Data Decryption •  
Web crawling • CORS

#### Databases

MongoDB • CouchDB • Firebase • SQL •  
Prisma

#### Project Management

Git • Gitlab • GitHub • Trello • Jira •  
Code Reviewing • Planning • Scheduling •  
Scoping • Forecasting • Tracking •  
Time Management • Risk management •  
Task Management • Slack • Skype •  
Microsoft Teams

## PROFESSIONAL EXPERIENCE

### Team Lead / React JS Developer

03/2020 - 11/2020

#### DMT Tech Sol.

Rawalpindi

- Guided cross-functional teams, overseeing front-end development. Ensuring the successful design, development, and maintenance of cutting-edge websites, utilizing the latest React JS development lifecycle concepts.
- Spearheaded the end-to-end development of websites, adhering to agile methodologies, and consistently delivering tailored web applications that precisely met customer requirements.
- Orchestrated and optimized the development process, effectively managing teams to meet stringent deadlines while ensuring the production of high-quality and efficient web applications.
- Collaborated closely with management to prioritize needs, resolve conflicts, establish development criteria, and strategically select the most suitable solutions for complex technical challenges.
- Acted as a proficient communicator, effectively conveying detailed requirements to the front-end development team, fostering seamless collaboration and a shared understanding of project objectives.
- Conducted regular meetings with both management and development team, ensuring alignment with project objectives and verifying that web applications were developed in strict accordance with provided requirements.
- Authored, designed, and curated engaging web page content, enhancing user experience and ensuring consistent brand messaging across all digital platforms.
- Elevated the company's digital presence, fostering innovation, and delivering exceptional user experiences.

### Teller

12/2019 - 03/2020

#### Allied Bank Limited

Islamabad

- Receive checks and cash for deposit, verify amounts, and check the accuracy of deposit slips.
- Carry out special services for customers, such as ordering bank cards and checks.
- Identify transaction mistakes when debits and credits donot balance.
- Obtain and process information required for the provision of services, such as opening accounts, savings plans, and purchasing bonds.

### E-Commerce Specialist

07/2019 - 09/2019

#### Izo Solutions

Rawalpindi

- Creating and optimizing stores on leading platforms, including Amazon, eBay, Etsy, Shopify, Magento, and WordPress.
- Adept at integrating effective marketing strategies into the development process to ensure enhanced traffic and conversion rates.
- Led end-to-end development projects for e-commerce stores across various platforms, ensuring seamless integration, responsive design, and intuitive user experiences.
- Integrated comprehensive marketing solutions into the development process, leveraging SEO optimization and digital advertising strategies to drive traffic and increase online visibility.
- Collaborated closely with clients to understand and incorporate specific sales and marketing requirements, delivering tailored solutions that exceeded expectations and maximized ROI.
- Conducted extensive research to identify and enhance store performance and ensuring a competitive edge in the market.

## EDUCATION

### Bachelor of Computer Science (Honours), 4-Year Program

02/2015 - 04/2019

#### Bahria University

E-8/1, Islamabad

- Gained specialized knowledge in Data Mining, Data Warehousing, Cloud Computing, and Management Information Systems through electives.
- Completed FYP Connected Fields [IoT-based Smart Agriculture System] with the following features:
- Developed a Raspberry Pi-based hardware system equipped with moisture detection sensors, deployed across different parts of an agricultural field for real-time soil moisture data analysis.
- Utilized Firebase Realtime Database to compare the collected soil moisture data with optimal moisture levels for selected crop fields.
- Developed an Android app for field owners, providing real-time notifications when moisture levels deviated from the optimal range.
- Integrated the Raspberry Pi hardware with the field's watering system to automatically regulate water supply based on real-time soil moisture data.
- Enabled the Android application to display a history of watering events and provide insights on optimal practices for achieving the best crop yield.

GPA | **2.76** / 4.0

### F.Sc. Pre-Engineering

09/2012 - 08/2014

#### Jinnah Institue of Informatics, Commerce & Science

Rawalpindi

## TECHNICAL SKILLS

### Others

Python · C++ · C# (Windows Forms) ·

Microsoft Office · Adobe Premier · Camtasia ·

Adobe Photoshop ·

Android Development (Java / XML) ·

Wordpress · Shopify · Ebay · Amazon · Etsy ·

Magento · Wix · Square Space · Canva