



Mubashir Ahmad

Full Stack Developer | Nodejs Typescript | React/Nextjs |
Express/Adonisjs at Sparking Asia

Full-stack developer with 10+ months of hands-on experience building and deploying production-ready applications (including an ERP system and invoice automation platform) using technologies such as React, TypeScript, Redux Toolkit, AdonisJS, Express PostgreSQL, MongoDB and MySQL. Successfully implemented features like user management (including RBAC), CRUD APIs, and payroll generation using edge and cron jobs. My 3+ years of experience as an Implementation Specialist in EMR/EHR software, along with skills in game development and graphic design, provide a unique perspective and problem-solving capabilities. Seeking a challenging role to further develop my expertise and contribute to innovative projects.



Skills & Strengths

- nodejs
- Bootstrap
- Client Support
- typescript
- postgresql
- Full Stack
- Mongo DB
- Implementation
- adonisjs
- Express
- Tailwindcss
- Mysql
- Solidity
- lucid orm
- React



Experience - 5 years

Full Stack Developer Internship

SPARKING ASIA - Rawalpindi, Pakistan | Sep 2024 - Present

Highly proficient full-stack developer with proven experience designing, developing, and deploying robust and scalable web applications. Expertise in building complex systems from the ground up, demonstrated through the successful delivery of three significant projects: a comprehensive ERP system, an automated invoicing platform, and a user-friendly journals management system. Proficient in React, TypeScript, AdonisJS, PostgreSQL, and MongoDB, with a strong understanding of database design, API development, and secure authentication mechanisms.

Key Skills & Technologies:

- **Frontend:** React, TypeScript, Redux Toolkit, Ant Design, Shadcn UI, React Hook Form, Zod/Yup validation
- **Backend:** AdonisJS (TypeScript), Edge functions, Cron jobs, Lucid ORM, Prisma ORM, Database Migrations
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Other:** Stripe Integration, Role-Based Access Control (RBAC), Agile methodologies

Projects & Accomplishments:

- **ERP System:** Designed and developed a complete ERP system encompassing modules for user management, team management, project tracking, CRM, employee management, attendance tracking, and automated payroll generation (including salary slip generation via Edge functions). Implemented secure authentication and authorization (RBAC) and utilized PostgreSQL with Lucid ORM.
- **Invoice Automation System:** Built an automated invoicing system integrated with Stripe for payment processing, featuring robust form validation (Zod/Yup) and secure authentication

Contact Info

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Education

**Balochistan University of
Information Technology and
Management Sciences**

Quetta / Bachelor of
Engineering
(2020)

Certifications

- MERN Full Stack
Internship
Ezitech Learning
Institute | 2024
- Full Stack Developer
Internship
SparkingAsia

Languages

- English - Medium

Hobbies

- Cooking
- Hiking

(RBAC).

- **Journals System:** Created a user-friendly journals management system utilizing Shadcn UI for intuitive design and MongoDB for flexible data storage. Implemented secure authentication and authorization (RBAC).

MERN Stack Developer / Full Stack Developer

INTERNSHIP - Rawalpindi, Pakistan | Apr 2024 - Jul 2024

As a Full Stack MERN Developer Intern, I worked on various web development projects, gaining comprehensive experience across the stack. I collaborated with a team to build, deploy, and maintain web applications using the MERN stack.

Key Responsibilities:

Frontend Development:

- Created user-friendly interfaces with HTML5 and CSS3.
- Implemented responsive designs using CSS Grid and Flexbox.
- Enhanced user interactions with JavaScript (ES6+).
- Built dynamic applications with React, managing state with React Hooks, Context API, and Redux.
- Styled with Tailwind CSS and Material-UI.
- Ensured seamless navigation with React Router.

Backend Development:

- Developed server-side logic with Node.js and Express.js.
- Designed RESTful APIs and explored GraphQL for data fetching.
- Managed data with MongoDB and Mongoose ODM.
- Handled authentication with JWT and OAuth.

Soft Skills Developed:

- Enhanced problem-solving and team collaboration.
- Efficient time management and adaptability to new technologies.

This internship provided a solid foundation in full stack development, equipping me with the technical skills and experience needed to excel in web development.

Implementation Specialist

SEQUEL TECHNOLOGIES - Islamabad, Pakistan | Feb 2021 - Sep 2024

Led the implementation of EHR software solutions, ensuring successful deployment and alignment with client needs. Collaborated with clients to identify requirements, analyzed existing systems, and provided recommendations. Coordinated with cross-functional teams, managed multiple projects, and delivered on time and within budget. Provided end-user training and support, conducted post-implementation assessments, and developed best practices to enhance implementation efficiency. Contributed feedback to product development based on client experiences.

Graphic Designer / Graphics Designer

FREELANCE - Islamabad, Pakistan | Nov 2020 - Jul 2021

Produced motion graphics projects, including logo animations and explainer videos, using Adobe After Effects and Vyond. Performed photo editing and designed banners, posters, and flyers with Adobe Photoshop and Illustrator. Collaborated with clients to meet their vision, managed multiple projects, and ensured on-time, within-budget delivery. Demonstrated expertise in motion graphics, 2D animation, and photo editing. Maintained strong client communication, resulting in repeat business and referrals.

Lead Game Developer

DIGITAL FREAKS - Islamabad, Pakistan | Aug 2020 - Feb 2021

Led a team of game developers in Unity-based game projects, managing workflow, and collaborating with designers, artists, and developers to ensure timely and budget-compliant delivery. Conducted code reviews, maintained high-quality standards, and contributed to

technical documentation. Demonstrated expertise in Unity, solving technical challenges, and providing mentorship to team members for their professional growth.

Projects

Invoice Automator

Sparking Asia | Oct 2024 - Dec 2024

Tools: React ts + adonis, ant design ui, tanstackQuery, Redux Toolkit, react hook form, zod + vinejs validation, lucid orm

As a Full-Stack Developer, I undertook a significant refactoring and optimization project for an existing invoice automation system. The initial system, built using the MERN stack, required modernization to improve performance and scalability due to its growing size and complexity. My contributions resulted in a significantly enhanced application with improved architecture and efficiency.

Key Responsibilities:

Frontend Refactoring & Optimization:

- Migrated the frontend from a React application heavily reliant on useEffect hooks to a more efficient and maintainable architecture using TanStack Query and Redux Toolkit. This significantly improved application performance, especially under heavy load.
- Maintained and enhanced the user interface using React and TypeScript.
- Implemented robust form validation using Zod/Yup to ensure data integrity and a positive user experience.

Backend Refactoring & Optimization:

- Refactored the backend from an Express.js and MongoDB-based system to a more structured and maintainable AdonisJS (TypeScript) architecture. This included implementing a clean separation of concerns using controllers, services, and validators.
- Implemented secure user authentication and authorization (RBAC) to protect sensitive invoice data.
- Integrated with Stripe to automate payment processing, streamlining the invoicing workflow.

Technical Achievements:

- Successfully refactored a legacy application, significantly improving its performance, scalability, and maintainability.
- Demonstrated expertise in migrating from one technology stack to another while preserving functionality and improving efficiency.
- Implemented best practices in software design and architecture, resulting in a cleaner, more robust system.

This project highlighted my abilities in refactoring legacy code, optimizing application performance, and migrating to more efficient technology stacks. The outcome was a more robust, scalable, and maintainable system delivering a superior user experience.

ERP System

Sparking Asia | Sep 2024 - Dec 2024

Tools: React, shadcn ui, tanstackQuery, redux toolkit, react hook form, zod validation

As a Full-Stack Developer, I played a key role in the design, development, deployment, and maintenance of a comprehensive Enterprise Resource Planning (ERP) system. This project involved utilizing a full-stack architecture and collaborating effectively with cross-functional teams to deliver a high-performance, highly available application with modular architecture.

Key Responsibilities:

Frontend Development:

- Developed and maintained user interfaces using React, TypeScript, Redux Toolkit, Ant Design, Shadcn UI, and TanStack Query, ensuring a responsive and user-friendly experience.
- Implemented robust user authentication and authorization, including Role-Based Access Control (RBAC), to secure access to sensitive data across various user roles (administrators, employees, clients).

Backend Development:

- Designed and developed the backend using AdonisJS (TypeScript), Lucid ORM, and VineJS, creating efficient and scalable RESTful APIs.
- Built modules for user management, team management, project tracking, CRM, employee management, attendance tracking, and automated payroll generation, leveraging cron jobs and Edge functions for salary slip generation.
- Managed data persistence using PostgreSQL and MySQL, implementing database migrations for seamless updates.

Soft Skills Developed:

- Enhanced collaboration skills through teamwork with cross-functional teams.
- Demonstrated problem-solving skills by identifying and resolving issues to ensure timely project delivery and high availability.
- Developed efficient time management skills to meet project deadlines and maintain the application.

This project provided invaluable experience in full-stack development, significantly enhancing my skills in designing, developing, and maintaining complex, high-performance applications within a collaborative team environment. It showcased my proficiency in various technologies and my ability to deliver results under pressure.

Blog Site / With Admin Panel

Ezitech Institute | Jun 2024 - Jul 2024

<https://github.com/mrjanjua16/blog.git>

Tools: ReactJs, Tailwind CSS, Axios, Express, Nodejs, MongoDB, Mongoose, JWT, bcrypt, Git Github, VS Code, Cursor

The Blog Application is a full-stack MERN project allowing users to create, read, update, and delete blog posts. It features secure user authentication with JWT and bcrypt, CRUD operations for blog posts, and a rich text editor.

Key Features:

- **User Authentication:** Secure registration, login, and password encryption.
- **Blog Post Management:** CRUD operations and rich text editor.
- **Frontend:** React, Context API, and responsive design with Tailwind CSS.
- **Backend:** Express.js API, MongoDB with Mongoose.
- **Additional Features:** User profile management, admin dashboard, comment system.

Technologies Used:

- **Frontend:** React, Tailwind CSS, Axios, React-redux-toolkit, React-router-dom.
- **Backend:** Node.js, Express.js, MongoDB, Mongoose.
- **Authentication:** JWT, bcrypt.
- **Tools:** Git, GitHub, Visual Studio Code.

Learning Outcomes:

- MERN stack development.
- Gained experience in user authentication and responsive design.
- Improved skills in API development and database management.

Authentication Web Application

Freelance | May 2024 - Jun 2024

<https://github.com/mrjanjua16/mern-auth.git>

Tools: Nodejs, Express, React, Redux, JWT, TailwindCSS, MongoDB, Google Firebase

The Authentication Web App, built with the MERN stack, manages user authentication with features like login, sign-up, deletion, and updates. It integrates Google Firebase for enhanced authentication and profile image handling, uses Redux for state management, and Tailwind CSS for modern design. The app ensures security with JWT tokens.

Experience Gained:

- MERN stack development with secure authentication.
- Google Firebase integration for authentication and storage.
- State management using Redux.
- Responsive design with Tailwind CSS.
- Best practices for secure user data handling.

This project highlights my ability to build secure, user-friendly full-stack applications.

Event Management Website

Ezitech Institute | Apr 2024 - May 2024

<https://github.com/mrjanjua16/event-management-site.git>

Tools: React, Css, Sass, Bootstrap

The Event Management React Web Application provides a user-friendly interface for managing and displaying events, built with React and Bootstrap.

Key Features:

- **React:** Dynamic UI.
- **Component-Based Architecture:** Reusable components.
- **Event Listing:** Detailed event info.
- **Responsive Design:** Optimal across devices.
- **Bootstrap Integration:** Consistent styling.
- **Navigation:** Smooth browsing.

Experience Gained:

- Advanced React development.
- Responsive design with Bootstrap, Sass, and Custom Css.
- Building user-centric interfaces.

This project showcases my expertise in React and modern web development.

Portfolio Website

Freelance | Mar 2024 - Apr 2024

<http://superdev.rf.gd/>

Tools: Wordpress

The SuperDev portfolio website showcases my skills and projects using WordPress. It features a responsive design, custom CSS and JavaScript, intuitive navigation, and SEO optimization. This project highlights my proficiency in WordPress and complements my MERN stack development skills.

Practice EHR Clients Implementation

Sequel Technologies | Feb 2021 - Present

EHR Software Implementation (3.5 years)

- **Objective:** Led the successful implementation of Electronic Health Records (EHR) software **Practice EHR** across multiple healthcare facilities over a span of 3.5 years, ensuring alignment with client-specific needs.
- **Key Responsibilities:**
 - Collaborated with clients to gather and document detailed requirements, ensuring the software met clinical and administrative needs.

- Analyzed existing systems and workflows, providing tailored recommendations for integration and process improvements.
- Coordinated cross-functional teams, including developers, testers, and support staff, to manage project timelines and deliverables.
- Managed multiple concurrent projects, ensuring each was delivered on time and within budget constraints.
- **Achievements:**
 - Successfully deployed EHR solutions in over a number of healthcare facilities, enhancing operational efficiency and patient care.
 - Developed and conducted comprehensive end-user training programs, resulting in high user adoption and satisfaction rates.
 - Conducted post-implementation assessments to identify areas for improvement and ensure long-term success.
 - Provided critical feedback to the product development team, contributing to the enhancement of the software based on real-world client experiences.
- **Outcome:**
 - Enhanced client satisfaction by tailoring the EHR implementation to meet specific organizational needs, leading to quantifiable results, e.g., reduced patient wait times, improved documentation accuracy.
 - Developed best practices and implementation guidelines that were adopted company-wide, improving overall project efficiency.