MUHAMMAD ABUBAKR

Full Stack Developer

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Career Objective:

To pursue a dynamic career that thrives on integrity, commitment, and optimal performance, leveraging my **3+ years** of demonstrated experience. A dedicated and passionate **Full Stack Developer** with a Bachelor's degree in Computer Science, specializing in JavaScript, React.Js, Next.Js, Node.Js, Nest.Js, Typescript, and SQL/NoSQL. Proficient in state management (Redux, Context API), API integrations, Agile Methodology, Software Development Lifecycle, Data Structures, OOP Paradigms, Coding Security, Unit Testing, and Documentation Standards. Aiming to contribute value to an organization through experience, skills, and commitment.

Summary of Skills:

Frontend Development:

JavaScript, React.Js, Next.Js, React Native, Redux, Redux-Toolkit, Redux Thunk, Vanilla JS, Gastby JS, Angular, Vue.js, JSON, AJAX, SCSS/SASS, LESS, Tailwind CSS, Ant-Design, Chakra UI, Shadcn/ui, Bootstrap, Material UI, DOM, ES6, JQuery, Jest, Typescript, Axios, React-csv, React-pdf, Hooks, RingCentral, Google Maps, Google Calender, Prettier, Babel, Webpack, XML, HTML5, CSS3, Flex Box, Grid Layout, RESTful API, Third Party Libraries.

Backend Development:

NodeJS/ExpressJS, NestJS, MongoDb, Mongoose, MySQL, SQL, Twilio SendGrid, Socket.io, PostgreSQL, GraphQL, PHP, Python, Scrapy, Flask, Java, Model-View-Controller (MVC), ORM (Sequalize, Prisma), CMS (Strapi, Sanity & Contentful).

Server & Domain:

Heroku, Vercel, AWS, Cyclic.SH, Netlify, Digital Ocean, Nginx, Apache, Google Cloud Platform, Cloudinary.

Soft Skills:

Teamwork, Communication, Troubleshooting, Adoptability, Problem Solving, Work Ethics, Time Management, Project Management, Open to Positive Criticism, Ability to Work Under Pressure, Attention to Details.

Tools/OS:

Visual Code, Android Studio, Protégé, PyCharm, Version Control System (GIT), GitHub, Bitbucket, Jenkins, Jira, Docker,Postman, MS Office (Word/PowerPoint/Excel/Visio), Photoshop, Figma, Npm, Pnpm, Yarn, Window, Ubuntu.

Professional Experiences:

Software Engineer

Contrivers, July 2022 – Present

- Developed frontend of many applications from scratch using JavaScript frameworks and libraries i.e. ReactJS and NextJS.
- Developed backend of many applications from scratch using Node frameworks and libraries i.e. NestJS, ExpressJS.
- Convert designs into pixel-perfect, responsive user interfaces, and high-quality code using CSS and frameworks and libraries i.e. SASS, Ant Design, Ant Design, and Tailwind CSS.
- Provided assistance in managing and upgrading of existing Full Stack Applications.
- Revamped whole backend from flask to NestJS and integrated 3rd party services to enhance capability.
- Developed APIs using ExpressJS, and NestJS (Node) frameworks and consumed these APIs in React applications.
- Implemented and managed authentication mechanisms, leveraging technologies like (Rest, JWT, oAuth, Next-auth).
- Utilized Git and Docker for proficient code repository management and version control.
- Implemented DevOps practices by overseeing cloud infrastructure management, specifically utilizing CI/CD tools on platforms such as AWS and Digital Ocean.

- Collaborated with cross-functional teams, including designers, and fellow developers, to deliver high-quality software solutions, fostering a positive team environment through open communication.
- Adopted the Agile methodologies, actively participating in daily scrum meetings.
- Participated in the full life cycle of new website development projects.

Frontend Developer
Digital Nexus, Oct 2020 – June 2022

- Designed visually appealing, responsive UI/UX for React.js websites using Figma, emphasizing Material UI, Bootstrap, SCSS, and Styled Components.
- Contributed to React Native tasks for the development of Android and iOS mobile applications.
- Utilized Redux, Context API, and Redux Toolkit for state management ensuring data consistency and efficient state updates.
- Integrated Restful APIs with the front-end, effectively parsing payloads and handling responses.
- Back-End Web Development using Express (NodeJS) for different web and mobile applications.
- Conducted thorough Unit Testing using Jest to identify and resolve issues, ensuring the delivery of high-quality code.
- Improved website visibility through SEO optimization techniques and Google Search Console for effective page indexing.
- Leveraged GitHub for version control and collaborative development
- Worked closely with other developers to deliver high-quality software solutions ensuring a positive team environment.

Projects:

Samodrie Dashboard (Pharma Company Dashboard)

- Developed a user-friendly, Responsive React js (Next js) and Material UI dashboard for effective tracking of interactions between product advocates and prescribers.
- Implemented real-time data visualizations and integrated 3rd party APIs like RingCentral for calling functionality and sending faxes and Sendgrid for authentication to enhance functionality.
- Utilized modern web practices, including component-based architecture and state management, ensuring responsiveness.
- Successfully migrated the backend from Flask to Node js (Nest js) for both the Dashboard and Mobile App.
- Designed and implemented the application's data storage layer using MySQL for efficient data management.
- Implemented user authentication and authorization mechanisms to safeguard sensitive data.
- Utilized Nest.js for a modular codebase with modules, decorators, and dependency injection.

EZ Real-Estate (Multi-Tenant CRM)

- Developed a sophisticated Next.js (TypeScript) / Material-UI dashboard for efficient monitoring of properties for rent and sale.
- Ensured user-friendliness and accommodation of multiple tenants with varying roles in the dashboard.
- Implemented real-time data visualizations for properties and users, enhancing tracking and analysis capabilities.
- Implemented a notification system and facilitated communication through WhatsApp-Web.
- Integrated 3rd party APIs, including Google Calendar, to enhance functionality.
- Designed and implemented the application's data storage layer for multi-tenants, utilizing MySQL.
- Established the entire backend infrastructure for the Dashboard using Nest.js.
- Implemented user authentication and authorization mechanisms, incorporating email sending via node mailer.
- Utilized Socket for accommodating notifications in the UI.

Ascthem Dashboard (Pharma Company Dashboard)

- Utilized React and Material UI to create an intuitive and user-friendly front-end interface.
- Implemented dynamic data visualization components to display drug verification results and trends effectively.
- Integrated real-time notifications to alert users about verification outcomes promptly.
- Established the entire backend infrastructure for the Dashboard using Nest.js.
- Contributed to performance optimization efforts, resulting in a responsive and efficient dashboard experience.

EMS E-Mailing System

- Utilized React and Material UI to create an intuitive and user-friendly front-end interface.
- Implemented dynamic data visualization components to display drug verification results and trends effectively.
- Integrated real-time notifications to alert users about verification outcomes promptly.
- Established the entire backend infrastructure for the Dashboard using Nest.js.
- Contributed to performance optimization efforts, resulting in a responsive and efficient dashboard experience.

Noroff (Backend)

- Developed the entire backend infrastructure using Node.js (Express.js) for the Shopping Site.
- Designed and implemented the application's data storage layer, utilizing MySQL in 3rd normalized form.
- Implemented authentication, authorization, and swagger.
- Implemented unit testing using jest and admin panel using EJS.

INCA Portals

- Recreated to a new design React JS and Bootstrap.
- Real-time data visualizations for messages, calls, and voice mails.
- Integrated 3rd party APIs like RingCentral.

Education Summary:

- **Bachelor's degree (BS) in Computer Science (2018 - 2022), University of Gujrat, CGPA: 3.61/4.00**

Award and Certificates:

- Completed the courses React - The Complete Guide (incl. React Router & Redux), Tailwind CSS, and the Typescript – Udemy.
- Certificate of Excellence from the University of Gujrat and Guest of Honor Award from PGC.
- Microsoft Office Specialist Certificate
- University of Gujrat Merit Scholarship

Personal Details:

D.O.B:	22-Feb-2000	Nationality:	Pakistan
Marital Status:	Single	Passport No:	BG1037141
Languages Known:	English, Urdu, Hindi	Passport Expiry**:**	05-Feb-2028