Muhammad Abubakr

Full Stack Developer

Location: Bur Dubai, Dubai | (*Visit Visa*)
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Portfolio: Abubakr's Portfolio (NextJs | React Js)

SUMMARY

Full-stack Developer with demonstrated 4+ years of experience for both web and **cross-platform** applications. Specializing in **React.Js,** State Management (**Redux, Context API**), JavaScript, **Next Js**, **UI/UX design** & API Integration. I possess expertise in both **front-end** and **back-end** *(Node Js, Nestjs, MySQL, Typescript)* development, delivering innovative and user-friendly applications.

I practice **agile methodology**, **software development lifecycle (SDLC)** Paradigms, coding security, **unit testing** (**Jest**) and Documentation standards. Ensuring quality of technical and application architecture and design of systems across the organization.

SKILLS SUMMARY

Front-End Development
React.js | NextJs | JavaScript | Redux Toolkit | Redux Thunk | Bootstrap | Tailwind CSS | Material UI | CSS3 | HTML5 | HTML | CSS | SCSS | SASS / LESS | JQuery | Jest | React Hooks | React Lifecycle | Responsive Web Applications | Data Structures | DOM Manipulation | Styled Components | RESTful APIs Integration | ECMAScript ES6 | ESLint | Prettier | Progressive Web Apps (PWA) | UI/UX Design | GraphQL | Vue Js | Angular | Figma | Zeplin | Type Script

Back-End Development
Nest Js | Node.js | Express.js | MySQL | MongoDB (Databases Schemas) | Paginations | Google Maps & Calendar API | Passport.js | whatsapp-web.js | RingCentral | TypeScript | JWT | Python | SQL / No-SQL | JSON | Nginx | Cyclic.sh | Socket.io | SendGrid | ORM (Sequalize, Prisma) | Flask

Servers & Domain
Google Firebase | Vercel | AWS | Google Cloud | Netlify | Heroku | Digital Ocean | CI/CD | Google Analytics | Google Search Console

AI/Machine Learning:
CNN, Yolo, Deep Learning, Computer Vision, Object-Detection

Tools/OS
Visual Studio Code | Android Studio | Xcode | Version Control System (Git) | GitHub | Bitbucket | Postman | Swagger | Jira | Docker | Stripe | Twilio | MS Office (Word | Excel | PowerPoint) | Windows | Linux (Ubuntu) | Mac OS | npm | yarn | pnpm

NON-TECHNICAL SKILLS

- Team Player
- Troubleshooting
- Open to positive criticism
- Self-motivated
- Decision-making
- Communication skills

- Ability to work under pressure
- Leadership
- Adoptability
- Problem Solving
- Time-management

EDUCATION

4 Years Bachelors (BS) in Computer Science, University of Gujrat, Pakistan
Final Year Project – *Smart Surveillance System*, improving security by leveraging **Python, DJango** Deep Learning, Computer Vision (**Object-Detection** & **Action Recognition**) to detect Guns and Fight from live CCTV feed.

PROFESSIONAL EXPERIENCE

Company: Contrivers
Title: Software Engineer
Duration: (Jul 2021 – Present)
Location: Pakistan

Roles & Responsibilities **(Full-stack Developer)**:

- **Project Planning and Implementation:** Crafting timelines, budgets, and resources for success.
- **Team Leadership:** Clarifying roles, fostering teamwork, and ensuring alignment.
- **Progress Monitoring and Risk Mitigation:** Vigilant oversight for smooth sailing.
- **Budget Management:** Careful expense tracking to stay on course.
- **Stakeholder Communication:** Building bridges for transparency.
- **Deliverable Excellence**: Timely, on-budget, and top-notch quality.
- **Continuous Improvement:** Learning from every project for future success.
- **UI/UX Designs:** Created & Developed **user-centered** and **cross-browser** designs.
- **Multitasking:** Consecutively managed & developed **4 projects**.
- **Code Quality**: Maintain and **optimize** the existing code. Wrote testable and **well-documented** code
- **API Development:** Revamped existing System, Developed & integrated 3rd party APIs i.e **RingCentral**, **Twilio** and **SendGrid**.
- **Management Software Expertise:** Used **Jira, Slack** and **Whimsical** for efficient project coordination
- **International Experience:** Outsourced to **Sweden-based** Company, Hemavi, as a backend developer
- **CRM Development:** Developed CRM systems using **React**, **Next.js**, **Material UI**, **Nest.js** and **MySQL** enabling administrators to gain valuable insights

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Company: Digital Nexus
Title: React Js Developer
Duration: (Oct 2020 – June 2021)
Location: Pakistan

Roles & Responsibilities (Project Management & Development)

- **Project Management:** Practiced software development **best practices** and **design patterns**
- **UI Design and Development:** Designed and developed responsive user interfaces (UI) using **Figma** for **React.js**, **Next JS**, websites, focusing on creating **responsive** design for most **devices** & **browsers** and **mobile-first development**, through **HTML Semantics**, **Reusable Components** & **DOM Manipulation**.
- **Version Control (Git/GitHub) & Deployment: Automated** the deployment process through **pipelines** (**DevOps**)
- **Team Collaboration:** Collaborated closely with cross-functional teams to address project issues and maintain seamless communication.
- **Technical Expertise:** Utilized React Query, **Next.js,** Redux, Socket.io, Context API, Redux Toolkit, and Redux Thunk for state management, ensuring data consistency, notification system and efficient state updates.
- **API Integration:** Integrated Restful APIs with the front-end by effectively parsing the payload & handling the response. Also Third Party APIs Like **Stripe, WhatsApp Web** & **Twilio.**
- **Code Testing:** Conducted thorough **Unit Testing** using **Jest** to identify and resolve issues, ensuring high-quality, bug-free code.

Project Portfolio

Samodrei CRM (*Pharma Company***)**
- Managed the project ensuring timely delivery
- Developed using **React**, **Next Js, Redux Thunk, Material UI, React Charts** for data visualization
- **API creation and integration** for User Authentication & Data Retrieval for both mobile app and web
- 3rd party API integration like **RingCentral** for Calls and Fax Sending
- Revamped complete backend from **flask** to **Nest**.
- Backend **Node.js**, **Nest.js**, **MySQL**
- **Google Maps API** for tracking user's location, to generate insights and take actions accordingly

EZ Multi-Tenant CRM (*Real-Estate Company***)**
To facilitate users in renting/purchasing properties.
- Created a **Next.js** (TypeScript) / **Material UI** dashboard for property management.
- Incorporated real-time data visualizations for properties and users using **React Charts**.
- Implemented a notification system using **Socket.io** and Email Sending System Using **Node Mailer**
- Integrated 3rd party APIs, including **Google Maps** & **Google Calendar**, for enhanced functionality.
- Designed and implemented **MySQL-based** data storage for **multi-tenant** support.
- Established backend infrastructure using **Nest.js** and implemented robust user authentication and authorization mechanisms.

Ascthem CRM (*Pharma Company***)**
To facilitate counterfeit drug detection, enhancing safety and trust within the pharmaceutical industry
- Developed complete CRM using **React, Next, MaterialUI, ChartJS** and **Redux**
- Data visualization to display drug verification results and trends effectively.
- Developed complete backend using **Node Js, Nest.js, MySql**
- Provided feedback by utilizing **notifications** and **loaders**

Veronica CRM (Banking/*Insurance Company*)
To facilitate users in getting insurance related to home, cars etc.
- Daily **scrum** to know the state of the project, discussing any problems the developers are facing, resolving them, **communicating** with client weekly to give project updates
- Developed using **React, Redux.js, Tailwind CSS, Socket.io, Twilio**
- Developed **responsive** and **appealing** UI/UX Designs for users of all type
- Integrated **Restful APIs** to populate data & send back to backend
- **Form Handling** to get user's input

Noroff API (*Shopping Site Backend*)
Revamped backend to 3rd Normalized form
- Developed the entire backend infrastructure using **Node.js** (**Express.js**)
- Designed and implemented the application's data storage layer, utilizing **MySQL**.
- Implemented authentication, authorization using **Passport.js**, **JWT** and **swagger**.
- Implemented unit testing using **jest** and admin panel using **EJS**.

INCA Portals (*Telecommunication Company*)
- 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**.

Awards and Certificates

- Complete React Js Developer in 2022 (w/ Redux, Hooks) – Udemy
- Certificate of Excellence from the University of Gujrat and Guest of Honor Award from PGC.
- MS Office Specialist Certificate
- University of Gujrat Merit Scholarship

Personal Details

Marital Status	: Single	Nationality	: Pakistani
Date of birth	: 22-02-2000	Experience	: 4+ Years
Languages	: B2 English, Urdu		