Muhammad Abubakr

Full Stack Developer

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Portfolio: Abubakr's Portfolio ReactJs[*NextJs*] | NodeJs[*NestJs*]

PROFESSIONAL SUMMARY

Experienced Fullstack Web Developer with over 3 years in web and cross-platform applications. Proficient in NextJS, Redux, Context API, UI/UX design, and API Integration. Specialized in both **frontend** (React.js, Next.js) and **backend** (Nestjs, Microservices(Kafka), Node Js, MySQL, Postgre, Typescript) development.

Practitioner of **agile development** methodology, SDLC, and a strong advocate for coding security, incorporating robust **unit testing** (Jest) into the development process. Dedicated to delivering high-quality technical solutions and maintaining a meticulous approach to application architecture.

SKILLS SUMMARY

Front-End Development: React.js, NextJs, JavaScript, TypeScript, HTML, HTML5, CSS3, CSS, SCSS/LESS, Flux, Redux Toolkit, Redux Thunk, Bootstrap, Tailwind CSS, Material UI, CI/CD pipeline, Jest, React Hooks, React Lifecycle, Responsive Web Applications, DOM Manipulation, webpack, JSX, Virtual DOM, Styled Components, RESTful APIs Integration, ECMAScript ES6, Prettier, Progressive Web Apps (PWA), Figma, PUB/SUB architecture, WCAG Compliance, Web Performance

Back-End Development: Nest Js, Microservices, Kafka, Node.js, Express.js, MySQL, PostgreSQL, MongooDB, 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),

Servers & Domain: Google Firebase, Google Cloud, Netlify, Heroku, Google Analytics, Google Search Console,

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

Tools/OS: Visual Studio Code, Version Control System (**Git**), Gitlab, GitHub, Bitbucket, Postman, Swagger, **Jira**, **Docker**, Stripe, Twilio, MS Office (Word, Excel, PowerPoint), Windows, Linux (Ubuntu), npm, yarn,

Soft Skills: Teamwork, Excellent Communication Skill, Critical thinking, Troubleshooting, Adoptability, Problem Solving, Work Ethics, Time Management, Project Management, Open to Positive Criticism, Ability to Work Under Pressure, Attention to Details, Passion for learning

WORK EXPERIENCE

Company: Contrivers
Title: Software Engineer
Duration: (Jul 2022 – Dec 2023)
Location: Pakistan

Roles & Responsibilities:

- **Development:** Developed CRM systems using React, Next.js, Material UI, Nest.js and MySQL enabling administrators to gain valuable insights
- **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**: Wrote clear, clean, and reusable code using modern HTML/CSS and JavaScript.
- **API Development:** Revamped existing Backend System (Flask to Nest.js), Developed & integrated 3rd party APIs i.e. RingCentral, Twilio and SendGrid.
- **Management Software Expertise:** Used Jira, Slack and Whimsical for efficient project coordination
- **Version Control:** Utilized Git for efficient collaboration, version control, and code repository management.
- **Problem-solving:** Diagnosed and resolved complex technical issues, ensuring seamless functionality of the CRM systems.
- **Documentation:** Created comprehensive technical documentation for projects, aiding in easy understanding and future maintenance.
- **Collaboration:** Worked closely with cross-functional teams, including front-end developers, QA engineers, and project managers, fostering effective communication and teamwork.
- **Security Measures:** Implemented security best practices to safeguard sensitive data within the CRM systems.
- **Performance Optimization:** Conducted performance analysis and optimization techniques to enhance the speed and efficiency of the applications.
- **Stay Updated:** Kept abreast of industry trends, emerging technologies, and best practices, contributing to the continuous evolution of the development process.
- **International Experience:** Outsourced to **American-Based** Company, **SOAANZ**, as a full-stack developer.

Company: Digital Nexus
Title: Frontend Developer
Duration: (Oct 2020 – June 2022)
Location: Pakistan

Roles & Responsibilities:
- **Project Management:** Practiced software development best practices and design patterns.
- **UI Design and Development:** Created responsive user interfaces (UI) using Figma for React.js and Next.js, emphasizing mobile-first development and HTML semantics.
- **Version Control & Deployment:** Automated deployment processes through DevOps pipelines using Git/GitHub.
- **Team Collaboration:** Collaborated 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 systems, and efficient state updates.
- **API Integration:** Integrated Restful APIs, including third-party APIs like Stripe, WhatsApp Web, and Twilio, effectively handling payload parsing and response.
- **Code Testing:** Conducted thorough Unit Testing using Jest to identify and resolve issues, ensuring high-quality, bug-free code.
- **Scrum Meetings:** Participated in daily scrum meetings for project updates and issue resolution. Communicated weekly with clients for project updates.
- **Performance Optimization:** Implemented performance optimization techniques to enhance the speed and responsiveness of web applications.

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

EDUCATION

4 Years Bachelors (BS) in Computer Science, University of Gujrat, Pakistan
CGPA: 3.61
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.

PROJECTS

Samodrei CRM (*Pharma Company***)**
- Front-end is developed in **React**, **Next Js, Material UI** and **React Charts**.
- Revamped whole backend system from **Flask** (Python) Framework to **Nest.js** (NodeJS) Framework.
- **MySQL** is used as database in this application.
- Integration of **RingCentral, Socket.io, NodeMailer** and **Google Maps API.**

EZ Multi-Tenant CRM (*Real-Estate Company***)**
- Front-end is developed in **React**, **Next.js** (TypeScript)**, Material UI, React Charts** and **React Big Calendar**.
- Backend of this application is developed in **Nest.js** (NodeJS) Framework.
- **MySQL** is used as database in this application.
- Integration of **whatsapp-web, Socket.io, NodeMailer** and **Google Maps API** & **Google Calendar API.**

Ascthem CRM (*Pharma Company***)**
- Front-end is developed in **React.js**, **Next.js, Material UI** and **ChartJS**.
- Backend of this application is developed in **Nest JS** (NodeJS) Framework.
- **MySQL** is used as database in this application.
- Integration of **Socket.io, NodeMailer** and **Twilio.**

Veronica CRM (Banking/*Insurance Company*)
- Facilitate users in getting insurance related to home, cars etc
- Front-end is developed in **React, Redux.js, Tailwind CSS.**
- Integration of **Socket.io** and **Twilio.**

Noroff API (*Shopping Site Backend*)
- Revamped backend to 3rd Normalized form.
- Backend is developed in **Express.js** (NodeJS) Framework.
- **MySQL** is used as database in this application.
- Implementation of **Passport.js**, **JWT, jest, EJS** and **swagger.**

INCA Portals (*Telecommunication Company*)
- Recreated to a new design **React JS** and **Bootstrap**.
- Integrated 3rd party APIs like **RingCentral**.

PERSONAL DETAILS

Marital Status	: Single	Nationality	: Pakistani
Date of birth	: 22-02-2000	Experience	: 3+ years
Languages	: B2 English, Urdu/Hindi		