

Muhammad Abubakr

[Full Stack Developer](#)

Address: Al-Barsha, Dubai, UAE | *Visit Visa*

Contact: +971526330980 | mirzaabubakr123@gmail.com

LinkedIn: [mirza-abubakr](#)

Portfolio: [Abubakr's Portfolio](#) [ReactJs\[NextJs\]](#) | [NodeJs\[NestJs\]](#)



PROFESSIONAL SUMMARY

With over 3 years of experience in web applications, I am a proficient Full Stack Developer who specializes in both **frontend** (React.js, Next.js) and **backend** (Nest.js, Microservices(Kafka), Node.js, MySQL, Postgre, Typescript) development. My skills include NextJS, Redux, Context API, UI/UX design, and API Integration.

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, Next.js, 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, .Net, C#, Microservices, Kafka, Node.js, Express.js, MySQL, MVC, Design Patterns, PostgreSQL, MongoDB, Paginations, Google Maps & Calendar API, Passport.js, e2e testing, whatsapp-web.js, RingCentral, TypeScript, JWT, Python, SQL / No-SQL, JSON, Nginx, Cyclic.sh, Socket.io, SendGrid, ORM (Sequelize, 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 (Overview)

Samodrei CRM (Multi-Role Pharma Company)

- Developed Front-end in **JavaScript, React, Next Js, Redux Thunk, Material UI** and **React Charts** etc.
- Developed Back-end in **TypeScript**, Nodejs (**Nest.js**) using **MySQL** as database etc.
- Revamped whole backend system from **Flask** (Python) Framework to **Nest.js** (NodeJS) Framework.
- Implemented authentication and authorization using JWT and Role-Based Access Control (RBAC), In web Fax and calling system, Live Notification System, Tracking Performance and Record Management and Email System etc.
- Integrated RingCentral, Socket.io, Node Mailer, GCP (Google Cloud Platform) Services and AWS etc.

EZ CRM (Multi-Role & Multi-Tenant Real-Estate Company)

- Developed Front-end in **React, Next.js** (TypeScript), **Redux Toolkit, Material UI, React Charts** and **React Big Calendar** etc.
- Developed Back-end in **TypeScript**, Nodejs (**Nest.js**) using **MySQL** as database etc.
- Implemented authentication and authorization using JWT and Tenant-Based and Role-Based Access Control (RBAC), Live Notification System, Record Management and Email System etc.
- Integrated WhatsApp-Web, Socket.io, Node Mailer and GCP (Google Maps API, Google Calendar API, Database) etc.

Ascthem CRM (Multi-Role Pharma Company)

- Developed Front-end in JavaScript, **React.js, Next.js, Material UI, Redux** and **ChartJS** etc.
- Developed Back-end in TypeScript, Nodejs (**Nest.js**) using **MySQL** as database etc.
- Implemented authentication and authorization, QR Code Based Verification System, Role-Based Access Control (RBAC), Live Notification System etc.
- Integrated Socket.io, Node Mailer, Twilio and AWS (RDBMS Services) etc.

Veronica CRM (Banking / Insurance Company)

- Developed Front-end in **React, Redux.js, Tailwind CSS, React Router, Hooks, API Integration**, enhancing SEO and metadata control.
- Utilized **Jest** and **React Testing Library** for unit and integration testing etc.
- Integrated Socket.io, Node Mailer, Twilio and AWS (RDBMS Services) etc.

Noroff Backend (E-commerce Company)

- Revamped existing database architecture to 3rd Normalized form using **TypeORM** and **PostgreSQL**.
- Developed Back-end in **Node.js** (NestJS) Framework.
- Implemented **Micro-services (Kafkajs)** using API gateway architecture, authentication and Role-Based Access Control etc.
- Integrated Passport.js, jest, EJS and swagger etc.

PERSONAL DETAILS

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