

Khizar Asad

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Projects

Travel Planner Mobile Application

- Developed a full-stack mobile application using Flutter with Firebase Firestore for real-time data management.
- Integrated Firebase Authentication to enable secure user login and account management.
- Designed and implemented an intuitive UI/UX for seamless trip planning and user engagement.
- Optimized app performance and database queries to ensure responsiveness and scalability.

Food Ordering Project

- Developed a full-stack web application for food ordering using ReactJS, NodeJS, and OracleDB.
- Contributed to both server-side and client-side development, ensuring seamless integration between the front end and back end.
- Set up OracleDB for data storage and management, ensuring secure and efficient data handling.
- Created a smooth and interactive user experience, with a fully functional development and deployment setup.

VoxaLink Pro - Technology Specialist, NodeJS, Machine Learning & Blockchain

- Combined technical proficiency with strategic insight to pioneer backend solutions and operational efficiencies.
- Focused on Development, Machine Learning, and blockchain technology.
- Contributed to optimizing backend systems and enhancing overall performance.
- For more details, visit VoxaLink Pro.

Hospital Management System

- Developed a hospital management system for booking doctor appointments using Next.js and Oracle SQL.
- Integrated Google authentication for secure and seamless user login.
- Implemented full end-to-end authentication and services for user management and appointment booking.

E-commerce Big Data Pipeline

- Developed a scalable big data pipeline for processing and analyzing large volumes of e-commerce data.
- Implemented real-time data ingestion and processing using modern big data technologies.
- Optimized data workflows and queries to enhance performance and scalability.
- Integrated cloud-based storage and distributed computing frameworks for efficient data handling.

Internships

Software Development Intern – TMC (TallyMarks Consulting)

Jun 2024 - Jul 2024

- API Development: Designed and implemented APIs to facilitate communication between different software systems, ensuring efficient data exchange and integration.
- Penetration Testing: Conducted security assessments to identify and mitigate vulnerabilities, enhancing the overall security posture of applications and systems.
- Database Management and Optimization: Managed large-scale databases, optimizing queries and performance to handle high volumes of data efficiently.
- Cloud Deployment: Deployed applications on a virtual private cloud, leveraging cloud infrastructure for scalable and reliable service delivery.
- SAP Modules Familiarity: Gained hands-on experience with various SAP-based modules, understanding their functionality and integration within enterprise systems.
- Familiarity with Rust Programming.
- Worked with NestJS for backend development.
- Managed large-scale SQL databases.
- Handled API testing and development.
- Developed mobile UIs using Flutter.

Education

BS. CS	Institute of Business Administration	2021 - 2025
CIE Advanced Level	The Lyceum	2019 - 2021

Courses

The Ultimate 2023 FullStack Web Development Bootcamp (React, NodeJS with Express and Python)

Udemy

Skills

- | | | |
|-------------------|--------------------|------------|
| • NodeJS | • Machine Learning | • React |
| • Databases | • Solidity | • Express |
| • Smart Contracts | • AWS | • NestJS |
| • Docker | • Python | • Firebase |