

Zarnab Ali

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Visionary and hardworking software engineer - likes to take on challenges - always delivering the best to drive meaningful results.

Education

AUGUST 2022

6th Semester | Software Engineering Student | FAST NUCES Islamabad

Skills

Programming Languages: C++ • Python • Dart • Java, JavaScript • Solidity

Database: MySQL • SQL • SSMS • MongoDB • Firebase

Frameworks/Libraries: React.js • Node.js • Express.js • Next.js • Three.js • Flutter • YOLO

Architectural Patterns: Bloc Architecture • Clean Architecture

Blockchain: Smart Contracts • NFT Minting

UI/UX Design: Figma • Adobe illustrator

Experience

SEPT 2024 – FEB 2025

Mobile Developer | Gynesis Lab

Worked with Dart and Flutter to build and enhance mobile applications with integrated maps, payments, and databases. Utilized Jira for task management and performed unit testing with detailed test case creation to ensure software quality.

JANUARY 2024 – PRESENT

Rubrix Code

Working at Rubrix Code as a Front-End Engineer and UI/UX Designer using React, JSX, GSAP, Three.js, and Tailwind CSS. Built responsive, animated interfaces and collaborated on designs via Figma.

OCT 2023 – PRESENT

Freelancing Journey

Working as a freelancer, primarily focused on web development using JavaScript, React, Node, Express and MongoDB. Delivered full-stack solutions with an emphasis on clean UI, responsive design, and scalable back-end integration.

Community Involvement

Head of Media – FAST Software Engineering Society

Led media campaigns and managed content creation to boost the society's digital presence and student engagement.

Head of Media – NaSCon 24

Oversaw media strategy, content, and live coverage to enhance NaSCon's online reach and event participation.

Event Officer – NaSCon 23

Drove marketing and handled venue logistics, improving turnout while sharpening organizational and team skills.

Campus Ambassador – Global Exchange Conference

Promoted the conference through targeted campaigns, increasing student engagement with global opportunities.

Solo Project

Football Machine Learning AI/ML Model

Used YOLO and computer vision to convert football footage into a 2D plane, analyzing player speed, positions, and ball movement.

Prime Car Rentals

A luxury car rental app built with Flutter, featuring vehicle booking, real-time maps, and secure payment integration.

dr Drakify

A Spotify clone using Flutter and Dart, featuring music streaming, playlist management, and Firebase-based user authentication.

STETH

An e-commerce web app for medical wear and gear, built using React.js, Node.js, and MongoDB.

DrDrake Token on ERC20

Developed the DrD token using Ether.js, Solidity, and Next.js, enabling reward payouts, secure vaults, and website integration.

Pharmacy Management System

Developed using JavaFX, SQL, and SSMS, featuring patient, doctor, and physician modules for efficient pharmacy operations.