Taha Rauf

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Profile Overview

Passionate Full Stack Developer with expertise in Flutter for cross-platform mobile app development and Node.js for backend services. Skilled in building scalable, efficient, and user-centric applications with clean architecture and maintainable code. Proficient in state management, RESTful API development, real-time communication using Socket.IO, and database systems like MongoDB and SQL. Experienced with third-party integrations, Firebase services, and DevOps practices. Committed to delivering high-performance solutions tailored to client needs.

Skills

- C/C++
- Flutter
- SQL
- Git
- Linux
- Postman
- Railway
- Python
- Dart
- Firebase
- GitHub
- Blender
- Problem Solving
- Vercel
- JavaScript
- MERN Stack
- MVC Architecture
- Bash
- RESTful APIs
- Socket.IO
- Render

Education

FAST National University of Computer and Emerging Sciences   Sept 2021 – Present
BS in Computer Science

- **Coursework:** App Development, UI/UX Design, Data Structures and Algorithms (DSA), Software Project Management, Software Design, Object-Oriented Programming (OOP), Database Systems, Web Development, Mobile Computing, Cloud Computing

Projects

AutoTrade Vehicle Marketplace App   Client | Server

- Vehicle marketplace app enabling users to post, view, and manage ads.
- Integrated Firebase Storage for image uploads, JWT auth, FCM, and Nodemailer.
- Deployed on Railway for backend hosting.

Technologies: Flutter, Dart, Node.js, Express.js, MongoDB, Firebase Storage, JWT, FCM, Nodemailer, Railway

Designer Clothing Store App   GitHub

- E-commerce mobile app with location detection and real-time order updates.
- Backend with Node.js/Express.js, JWT auth, FCM notifications, Nodemailer emails.

Technologies: Flutter, Dart, Node.js, Express.js, MongoDB, Google Maps API, Firebase, JWT, Nodemailer

Cheezy Bite App   GitHub

- Cross-platform food ordering app built with Flutter and Node.js.
- Features: Sqflite storage, JWT auth, Google Maps tracking, FCM notifications, Nodemailer emails.

Technologies: Flutter, Dart, Node.js, Express.js, MongoDB, Sqflite, JWT, Firebase, Google Maps API, Nodemailer

Experience

Freelancing   Sep 2023 – Present

- Freelanced in mobile app development, delivering custom Flutter applications tailored to client needs with end-to-end feature implementation and deployment.
- Freelanced using Blender to create 3D game character designs, delivering optimized and rigged models for real-time rendering in game engines.