SYED MUHAMMAD SAAD - SOFTWARE ENGINEER

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PROFILE

Computer science graduate student with a passion for turning complex problems into elegant solutions through software engineering. Driven to leverage my development skills and knowledge to contribute to a collaborative team and create innovative products. Hands-on experience building diverse projects during my studies and professional career has equipped me with a strong foundation in various technologies. I am highly motivated and eager learner, confident in making a significant impact on your team.

SKILLS

Programming languages
- JavaScript
- TypeScript

Frameworks
- ExpressJS
- ReactJS
- NestJS

Databases
- MySQL
- mongoDB
- PostgresSQL

Tools & Technology
- Postman
- VSCode
- Git & GitHub
- JIRA
- Docker
- Redis
- Swagger
- Stripe

ORM
- Sequelize ORM
- Prisma ORM

ODM
- Mongoose

EDUCATION

FAST-NUCES, BS in Computer Science
Aug 2019 - June 2023

GOVT: Ghulam Hussain Hidayatullah, Pre-engineering
Aug 2017 - June 2019

ACHIEVEMENTS AND AWARDS

- **Runner Up** in **Startup showdown competition at FAST** in **Procom'23.**
- **Internship** completion certificates.
- Shield of **Co-Head** GR Team in **DevDay**
- Participate as **Contributor** in **HactoberFest 2022**.
- Swags of **Google Cloud** Challenge program.
- **Coders Cup, Dev-Day** and **IEEE** certificates of participation.

EXPERIENCE

Backend Developer(NodeJS) - SandsTech (June 2024 - Present) - Onsite

- Built a **health & fitness** app with user and trainer roles. Enabled **post sharing**, **goal tracking**, and **one-on-one** and **group chat** for users and trainers. Use **RevenueCat webhook** for plan purchases. Allowed trainers to upload **videos** and create **custom plans**. Implemented daily goal completion **notification** for user using cron-job.

- Built a shooting range **booking** app with user and owner roles. Enabled **range booking**, **feed sharing**, and **achievement tracking** for users. Allowed owners to **manage bookings** and create ranges with admin approval. Implemented **one-to-one** and **group** chat for seamless communication. Implemented **email** and **notification alerts** for booking updates: users for rejection/cancellation and owners for new bookings.

Backend Developer(NodeJS) - Tritechx (August 2023 - June 2024) - Remote

- Build and manage dynamic backend REST APIs for a social media app, enabling smooth **communication** and **collaboration** among **influencers** and **brands**. Implemented different third party APIs like: **Facebook, Instagram, and TikTok.**

- Developed a **cryptocurrency analysis** web application tailored for crypto traders, and implement various third-party **coin market API**.

- Create distinctive **APIs** for a family communication mobile app, catering to various roles like parent, child, and helper. Users can **chat**, **share meals**, and **schedule tasks**. Plus, family members can give **reactions** on meals.

PERSONAL PROJECTS

CAMPUSCAR

- It's a **carpooling** mobile app. A traveling solution for campus students. Developed Cross Platform mobile application using **Flutter**.
- The backend of the product is based on **ExpressJS** and **PostgreSQL,** deploy PostgreSQL on **AWS - RDS**
- I have also created a **Promotional** website for our product using **ReactJS.**

COMMUNITY-BASED CHAT-APPLICATION

- Create a nice-looking chat application using **React JS** and **getStream.io**.
- **Users** can **create channels/rooms** and, also **can chat with direct messaging**.
  This is a **multi-media chat application** where users can send different types of media files and react to it with an emoji.