

ABDUL BARI

FULL STACK DEVELOPER

CONTACT

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-  **Karachi, Sindh Pakistan**

EDUCATION

FAST National University, Karachi
Bachelors in Computer Science
August 2019 - Present **CGPA : 2.97/4.0**

Malir Cantt Govt Degree College
HSC in Engineering
June 2017 - May 2019 **Grade : A**

The Montessori Home
SSC in Computer Science
June 2015 - May 2017 **Grade : A+**

TECHNICAL SKILLS

- Programming Languages**
JavaScript, Typescript, Python, C/C++
- Databases**
MySQL Server, OracleDB, MongoDB, Firebase
- Frameworks**
Node JS, Nest JS, Django
- Cloud & DevOps**
AWS (EC2, S3 Bucket, lambda functions), Digital-Ocean (VM), Azure (VM, Functions), CI-CD (GitHub-Actions), Firebase Store, Firebase Cloud Messaging (FCM)
- Version Controls**
Git, GitHub, BitBucket

EXTRA CURRICULARS

- Web Development Head** (Procom 23')
- Automation Website Development (DevDay 23')
- Speed programming Competitions (Dev Day 21', Speed Programming 19', 20', 21')
- Database Designing Competition (Procom 22').
- Hacker rank problem solving.
- Co-Judge** UI/UX (Dev Day 22').

WORK EXPERIENCE

MILETAP | Junior Software Engineer

July 2022 - Present

- Responsible for **Research and Development of Micro-Service**, that contains real time Video Calling Application using **React JS, Redux Store, Node JS (TypeScript), Socket.IO, WebRTC, Redis, FCM (Firebase)**.
- Adding new functionality enhancements within strict deadlines.
- Responsible for Frontend and Backend **release and production deployment**.

MILETAP | MERN stack Intern

June 2022 - July 2022

- Developed a **Node JS Server** for Peer-to-peer Video Calling App.
- Developed **Redis Server** for Caching Real-Time Data.

PROJECTS

FINAL YEAR PROJECT | MERN STACK

With the help of **React Native, REST API, Node.JS, MongoDB, Mongoose.JS, TypeScript, Stripe Payment Gateway, and FCM**, users may build a platform to hire workers based on their qualifications and expertise and monitor them using **Google Maps API**. Constructed a robust frontend architecture with reusable components, improving user experience and decreasing load time by 20%, using React.js and Redux.

NERC | National Engineering Robotics Contest - NUST

The website allows students to **register** in more than 5 competitions, get their **challan**, and **upload** a snap of submitted challan to get verified for the competition. The solution has been created using **HTML, CSS, BOOTSTRAP, Django view-based templates**.

PROFESSIONAL LOUNGE | Database systems

A website that enables users to hire employees based on their qualifications and expertise, using **BOOTSTRAP, DJANGO, HTML, and CSS**.

APPOINTMENT BOT | Artificial Intelligence

A ChatBot that uses **Google BERT** integrated with Professionals Lounge website to schedule appointments within 60 seconds based on client's priority.

SENTENCE RECOMMENDATION & WORD PREDICTION

| DATA STRUCTURES

A program that is developed with **C++ Linked List** to **suggest** sentences and **predicts** words using **dictionary** and **history hash tables**.

FOOD-DELIVERO | Object Oriented Programming

Food Delivery **management System** that allows over 50 restaurants to register with their Menu list and delivers food within 40 minutes.

CODE-EDITOR | C language

Run time code editor that enables to write, edit and save a code using **file stream** with a maximum **file size of 10 KBs** through **Windows CLI**.