

ABDUL RAFAY

SOFTWARE DEVELOPER

CONTACT

- +931-12484593
- rafayabdul508@gmail.com
- 15-A Alamgir Society Model Colony
Karachi Pakistan
- github.com/Rafay0508?tab=repositories

EDUCATION

- 2020 - 2024
SIR SYED UNIVERSITY OF
ENGINEERING AND TECHNOLOGY
 - Bachelor of Science in
Computer Science
 - GPA: 3.33/ 4.0
- 2017 - 2019
FAZAIA INTERMEDIATE COLLEGE
MALIR CANTT KARACHI
 - Pre-Enginnering
- 2005 - 2017
FAUJI FOUNDATION MODEL
SCHOOL MALIR KARACHI
 - Computer Science

SKILLS

- Frontend:** HTML, CSS, Javascript
- Frameworks & Libraries:** ReactJS, ReduxToolkit, TailwindCSS, Bootstrap
- Backend:** NodeJS, ExpressJS, JWT, MongoDB, Firebase
- App Development:** React Native

PROFILE

Enthusiastic computer science graduate with a keen interest in Information Technology and programming. Eager to apply my skills in the MERN stack and React Native to build impactful web and mobile applications. Committed to supporting innovative solutions that drive business success and excited to continue learning and growing in the tech field.

EXPERIENCE

- inApp Solutions** NOV 2024 - FEB 2025
MERN Stack | React Native Intern
 - Implementing CRUD operations with Firebase for effective data management.
 - Creating a project management application with user management using Context API, enabling users to create projects, assign tasks to team members, and manage task states and much more.
 - Collaborating with the development team to create and enhance cross-platform mobile applications using React Native, focusing on user experience and performance.
 - Generating APKs for deployment, ensuring compatibility and performance across various devices.
 - Applying atomic design principles to develop reusable components, enhancing consistency and maintainability across the application.
- 10Pearls** 2023 - 2024
FYP-Accelerator Program
 - Project: Early Detection of Alzheimer's Disease by Machine Learning
 - Developed a machine learning model for early Alzheimer's detection using Node.js, React Native, and Python.
 - Gained practical experience in backend development and API integration.
 - Collaborated with professionals at 10Pearls for project completion and received a **Letter of Acknowledgment** from 10Pearls for contributions to the project.

PROJECTS

- ALZAWARE: Alzheimer Detection React Native App (FYP Project)**
 - Developed an application using Neuroimaging and CNN to detect Alzheimer's disease with 97% accuracy.
 - Users upload MRI scans and complete cognitive tests, with the system analyzing data to diagnose and stage Alzheimer's.
 - Aim to Provides personalized recommendations based on cognitive profiles and generates detailed diagnostic reports.
 - Integrated a secure architecture with Automated report generation and data storage for user privacy.
 - [Backend Repository Link](#)

- Alzaware got selected among 100 out of 1000 Startup and pitched my pitch deck in ideation stage for karachi regional round of [World Startup Championship](#) 2023 powered by SEE Pakistan and APSUP which took place at iqra university.
- [see selection email](#)
- [see WSC post posted on linkedin and facebook about shortlisted startups](#)
- **[Inventory Management System](#)**
 - Built a Node.js backend to support an inventory management application, allowing real-time tracking of product flow.
 - Implemented RESTful APIs for data updates and retrieval, facilitating efficient inventory operations

TRANINGS & COURSES

- Advanced Javascript Course
- Full Stack Web Development
- React - Complete Developer Course