

# MOHAMED INSHAF

## SOFTWARE ENGINEER

### PROFILE

I am a software engineer with a strong foundation in data structures and a passion for problem-solving. My commitment to teamwork and collaboration has allowed me to thrive in dynamic environments. I possess a keen enthusiasm for learning and staying updated with emerging technologies. I am dedicated to creating efficient and innovative solutions that contribute to the success of projects and organizations.

### EDUCATION

#### BSC IN COMPUTER SCIENCE ( 2019 - 2022 )

University of Jaffna

#### GCE-ADVANCED LEVEL - 2017

Royal College - Colombo    Physical Science. Results - 3B (1.49)

### CONTACT

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 [Portfolio website](#)

 [LinkedIn](#)     [Github](#)

### WORK EXPERIENCE

- **ASSOCIATE SOFTWARE ENGINEER | REACT NATIVE**  
WELLTECH SOLUTIONS | MAY 2023- PRESENT
  - Develop **Flash Health** application - [Android](#), [ios](#)
  - Gather client requirements, develop UI, API endpoints.
  - Integrate socket, HTTP APIs
  - Tech using - **React Native, Node, NestJs, PostgreSQL, Gradle, AWS, GCP.**
- **INTERN | REACT NATIVE DEVELOPER**  
WELLTECH SOLUTIONS (6 Months) NOV 2022 - APR 2023

### SKILLS

- TypeScript, Python
- ReactJs, NextJs
- React Native, Flutter
- Node, Express, NestJs
- PostgreSQL
- BASH Shell, AWS, GCP
- Unix / Linux environments
- Data Structures, Algorithm

### PROJECTS

- **ASTHMA CONTROL TOOL**
  - Client: Medical Faculty of University of Jaffna.
  - Developed a mobile app with MCQs to help patients manage their asthma based on their activities.
  - Tech used: **React Native, Firebase.**
- **TODO WEB**    <https://github.com/minshaf998/ToDo.git>
  - Plan daily works using website
  - Created CI/CD pipeline, deployed to EC2
  - Tech used: **React, Node, Express, AWS EC2, Nginx**
- **TRANSPORTATION ANALYSIS AND PLANNING**
  - Download, clean and restore geographical data(GTFS, Mesh block data) to database with correct format.
  - Join tables, query database for suburb's geographic analysis.
  - Tech used: **Python, Bash, DBeaver, PostgreSQL, ogr2ogr**

### INTERESTS

- Full-stack development
- Mobile, web development
- Cloud computing
- Automation, Scripting

### REFEREES

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