



# MT

# MUHAMMAD TALHA PATEL

LEAD SOFTWARE DEVELOPER

## OBJECTIVE

Customer-focused software professional with superior communication skills and expertise in various technical platforms. Understands and meets both client and employer needs and develops highly functional, robust and easy-to-use applications. Excels as hands-on developer and oversees work of software teams.

## EDUCATION

### 2017 – ORIENT ISLAMIC SCHOOL

Awarded National Senior Certificate with One Distinction.

### 2019 – DURBAN UNIVERSITY OF TECHNOLOGY

2 YEARS – ND: Applications Development

## EXPERIENCE

### DEVELOPER INTERNSHIP • BOS TECHNOLOGY • DEC 2021 – FEB 2022

PROJECTS INCLUDED BUT NOT LIMITED TO:

- 1) Frontend:
  - a. Simple HTML/CSS/JS Web Frontend – Login/Signup and Landing calculator amount screen to calculate total due.
- 2) Backend:
  - a. Python Backend – Used to control the login and signup to a MySQL database.
  - b. PHP Backend – Begun setup and research for querying the XRP Ledger using PHP and JS.

### LEAD DEVELOPER • BOS TECHNOLOGY • MAR 2022 – CURRENT

PROJECTS INCLUDED BUT NOT LIMITED TO:

- 1) Frontend:
  - a. BOS.Pay (IOS/Android) (Flutter) – Fully Functional POS Application with user profiles, Inventory Management, Employee Management. Various end points to complete sales including Cash and Crypto (XRPL). Available on App Store and Play Store.
  - b. BOS.Pay Users Dashboard (WEB) (React) – A dashboard for BOS.Pay users to see analytical data such as graphs showing dates and their sales total and much more.
  - c. BOS.Pay Internal Dashboard (Windows/MacOS) (Flutter) – Dashboard for company admins to see registered users, ongoing transactions, activation requests as well as withdrawal requests. Admins may activate user profiles and authorize crypto withdrawals to users.
- 2) Backend:
  - a. Node.JS and NestJS Backend – Used to securely Manipulate data from and to the BOS.Pay Flutter applications. Login uses JWT and stores in local storage or cookies for web. Deployed to both AWS Lambda and Azure Functions.
- 3) Cloud:
  - a. Microsoft Azure and AWS – Administrator of accounts. Used MySQL by Azure for storage of user data.



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## SKILLS AND ABILITIES

### 1) Programming Languages:

- a) Competent Level:
  - i) C#
  - ii) C++
  - iii) GoLang
  - iv) Java.
  - v) Kotlin
  - vi) Swift
  - vii) Python
- b) Intermediate Level:
  - i) JavaScript+TypeScript
  - ii) HTML.
  - iii) Flutter+Dart

### 2) Server-Side Runtime:

- a) Intermediate Level:
  - i) Node.JS+Express.JS
  - ii) Node.JS+Nest.JS.

### 3) Styling:

- a) Intermediate Level:
  - i) SASS
  - ii) Tailwind CSS
  - iii) Bootstrap CSS

### 4) UI Framework:

- a) Competent Level:
  - i) React+TypeScript

### 5) Databases:

- a) Intermediate Level:
  - i) SQL Language, MySQL Relational Database
- b) Competent Level:
  - i) MsSQL
  - ii) NoSQL databases (MongoDB Styled)

### 6) Host for Source Code:

- a) Advanced Level:
  - i) GitHub

### 7) Cloud Computing:

- a) Intermediate Level:
  - i) Microsoft Azure
  - ii) Amazon Web Services



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