

# Unais Vayani

Software Engineer

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*Highly motivated and result-oriented professional, skilled in working under pressure and adapting to new situations.*

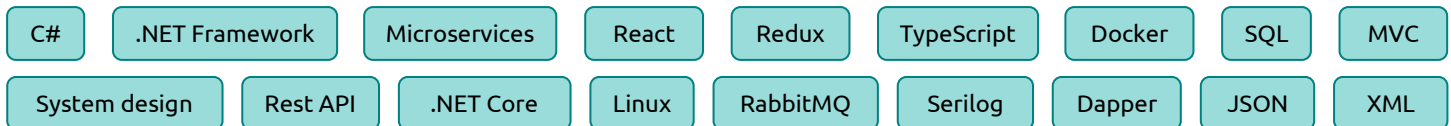
*Passionate about learning new technologies and thrive on working in a challenging environment while achieving company goals.*

B-8 Momin Center, Ayesha Manzil, F-B Area Block-7, Karachi Pakistan

linkedin.com/in/unais-vayani

unais\_26

## SKILLS



## WORK EXPERIENCE

### Software Engineer

Pakistan Single Window (PSW)

*Nov 2020 – Present*

*ICT-based system in Pakistan providing a single window for trade.*

#### *Achievements/Tasks*

- Worked closely with the business analysts to get business requirements & user stories to convert them into quality code.
- Developed scalable microservices in .NET Core environment and deployed containers using docker.
- Developed data access layer using unit of work & repository patterns for effective communication with database.
- Developed & rolled out PSW Subscription module where up to 4500 traders have been successfully subscribed till now.
- Developed & rolled out Exports Single Declaration module where traders will be able to file their declaration of goods.
- Implemented centralized structured logging system throughout microservices using Serilog & Seq to capture, store, and monitor logs.
- Implemented messaging queues with RabbitMQ as a mean of sync and async communication between microservices.
- Identified web-based user interactions and developed highly responsive UI components build with React and Redux.

### Software Engineer

Avanza Solutions

*Oct 2018 – Nov 2020*

*Software solutions provider specializing in e-Banking solutions.*

#### *Achievements/Tasks*

- Developed and implemented backend system using windows-based service-oriented architecture (SOA) in C++ and C# for banking solution middleware conducting financial transactions.
- Achieved PADSS certification in 2020 For Avanza to ensure their premium products are up to standards with industry.
- Involved with other stakeholders in certification for POS/ATM contactless acquiring transactions of HBL with Bahrain switch.
- Developed OTP based KYC for HBL call center Karachi.
- Analyzed functional requirements, developed features, performed system integration testing with other stakeholders.
- Performed SIT, UAT and production rollouts with banks.

## EDUCATION

### Masters in Data Science (MSDS)

NED University of Engineering & Technology

*Nov 2021 – Present*

### Bachelors in Computer Science (BSCS)

National University of Computer & Emerging Sciences (FAST)

*Aug 2014 – May 2018*

### Intermediate (HSSC)

Aga Khan Higher Secondary School, Karachi (AKHSS)

*Aug 2012 – May 2014*