# KEY PROJECTS

### Shipping Office Process Automation Solution

**VISIT**  **DETAILS**

A process automation project in a public sector port and shipping agency. I am a part of the team as a lead software developer. This solution caters the processes like Seaman Identification Document generation, Seaman Service Book Issuance, Article Ship / Signing-On and Signing-off, Seaman verification and Online Manning Agency registration. The overall prospect of this solution is to speed up the office processes by Single window operation and make it hassle free for the seaman and provide them services at their doorstep.

**Developed with – ASP.NET + Javascript in the front and SQL Server in the back.**

### Maritime Commercial Solution

**DETAILS**

A process automation project of a department in a public sector corporation. I am a part of the team as a lead software developer. Our scope here is of very large-scale software where the target is to automate the processes of the whole Commercial division. This application currently can cater 50% needs of the respective division. The module begins with Payment request generation and is mainly divided into three categories, Debit Note Generation (Bill generation), Exhibit (Credit Collection), and a Corrector module. It is a part of a centralized invoicing system. By developing the software, we have centralized the database for the Live view where the data is now been delivered on to the tables of the respective department, the financial controlling authority as well as to the upper management of the corporation and ministry in general. This solution is destined to be the part of an integrated paperless environment.

**Developed with – ASP.NET + Javascript in the front and Oracle in the back.**

### PQA / PNSC invoicing application

**DETAILS**

BOQ based invoicing solution completed in year 2008, for automating manual excel based invoice generation.

**Developed with – ASP.NET + Javascript in the front and SQL Server in the back.**

### Official Website of PNSC

**VISIT**

I am responsible for the maintenance and development of the official website of Pakistan National Shipping Corporation, the National Flag Carrier of Pakistan. It is a hybrid multi-lingual website with static and dynamic portions, it was developed in the year 2010.

**Developed with – ASP.NET + Javascript in the front and SQL Server in the back.**

# PERSONAL INFORMATION

**IMRAN ALI** - imran.neo@gmail.com - +923452620649

I am a Web Application Solution Consultant, I have a thorough background in UX / UI design and software architecture, I can code and deliver solution in a solo role and can be used as a part of a big ambitious team. You are looking at the CV of the right person if you want to shift your current stagnant legacy software solution to the production in a fast pace manner or if you want to start something big from scratch.

**Linkedin:** https://www.linkedin.com/in/imran-ali-158b3b184/

## My tools of choice

Microsoft visual studio
Adobe Photoshop + Illustrator
Google
Microsoft Visio
Microsoft Office

## Work experience

▶ **2005 - NOW**
Pakistan National Shipping Corporation

▶ **2004 - 2005**
Smilax Solutions

▶ **2003 - 2004**
The Design Firm

 **VISUAL STUDIO**    **Adobe Illustrator**

Most of the software solutions that I have worked on are built with Visual Studio 2010 and onward. However, I can adapt a new environment swiftly.
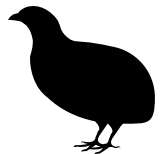
This is a hand made CV designed in Adobe Illustrator.

## My education qualification

MS (Computer Science)

## Services I can provide

Research
Data collection & compilation
Data visualization
Frontend designing and development
Software development, integration, and consultancy

## Interests

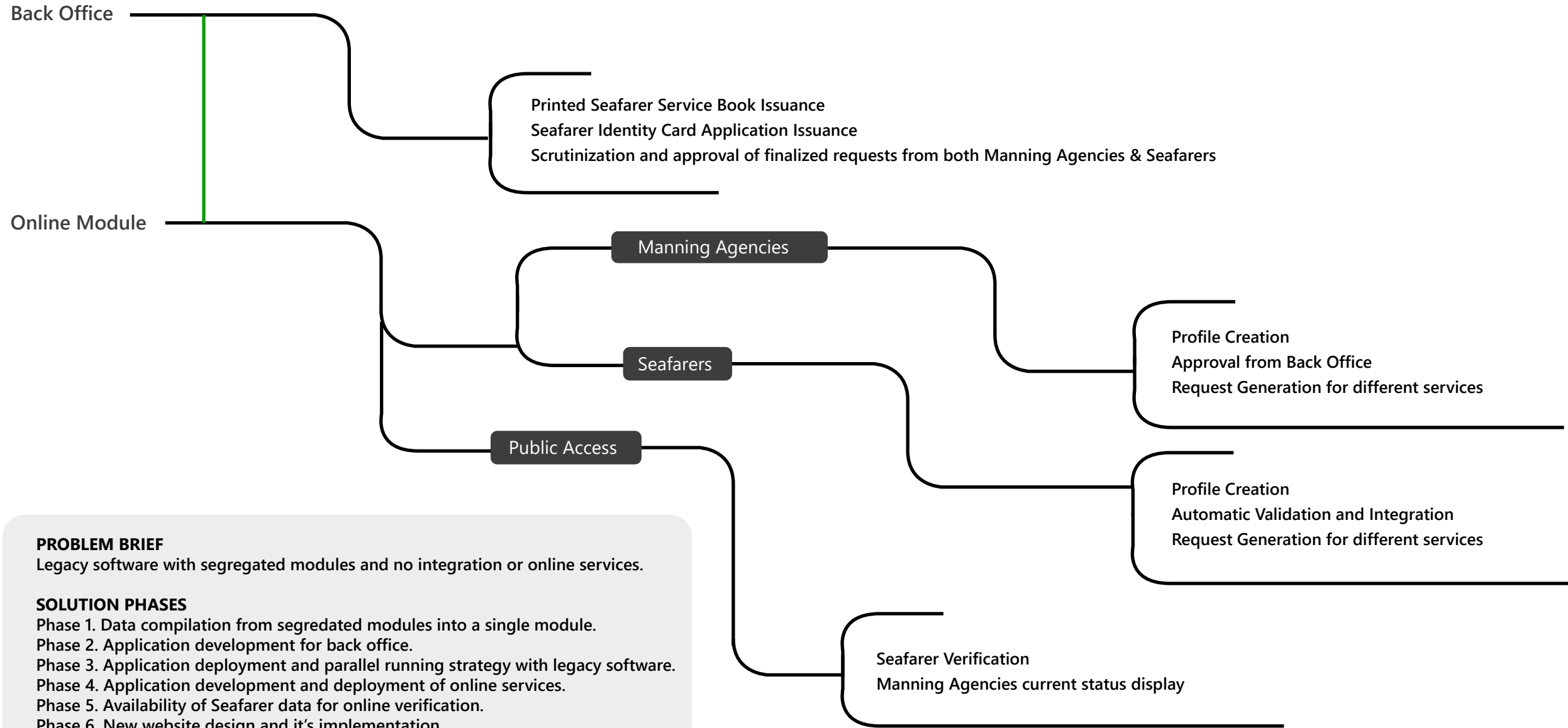Process automation, Artificial Intelligence in the industry, security, education, cognitive sciences, people building and minimalism.

## Personal statement and traits

I consider patience and adaptability as the key traits of my personality. My learning mode is always on, so if you have something new to teach me or have a problem of any sort that I can test myself with then reach out to me without hesitation.

# Shipping Office Process Automation Solution

**Back Office**

- Printed Seafarer Service Book Issuance
- Seafarer Identity Card Application Issuance
- Scrutinization and approval of finalized requests from both Manning Agencies & Seafarers

**Online Module**

**Manning Agencies**
- Profile Creation
- Approval from Back Office
- Request Generation for different services

**Seafarers**
- Profile Creation
- Automatic Validation and Integration
- Request Generation for different services

**Public Access**
- Seafarer Verification
- Manning Agencies current status display

**PROBLEM BRIEF**
Legacy software with segregated modules and no integration or online services.

**SOLUTION PHASES**
Phase 1. Data compilation from segredated modules into a single module.
Phase 2. Application development for back office.
Phase 3. Application deployment and parallel running strategy with legacy software.
Phase 4. Application development and deployment of online services.
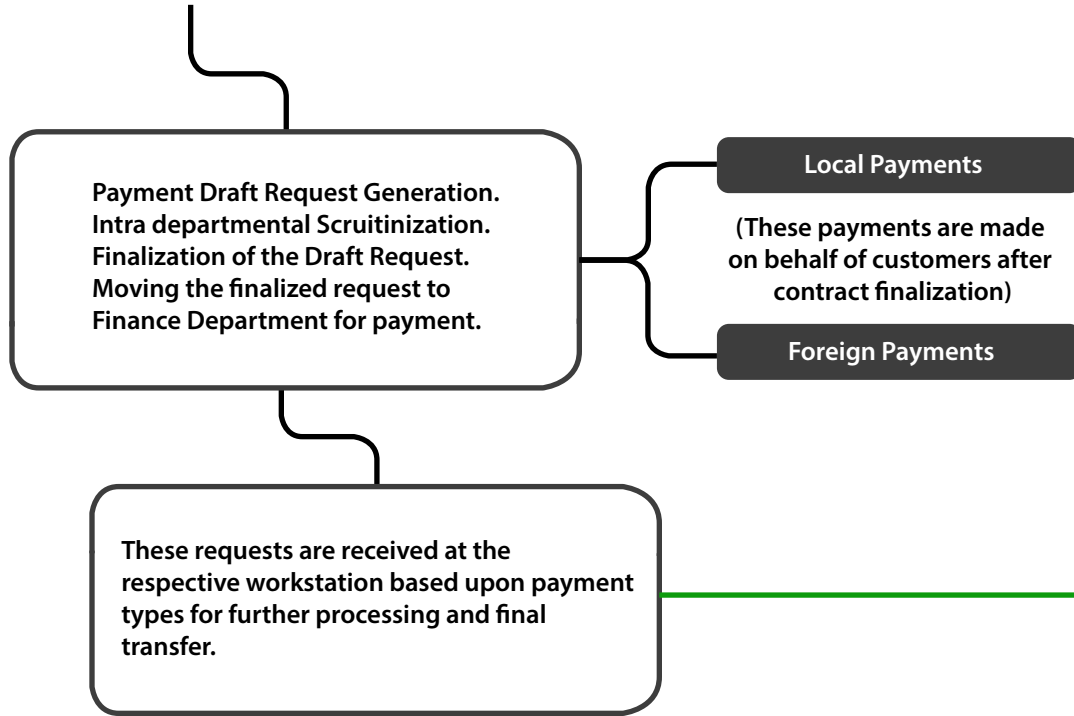Phase 5. Availability of Seafarer data for online verification.
Phase 6. New website design and it's implementation.

**SOLUTION DEVELOPED WITH**
MICROSOFT VISUAL STUDIO, MICROSOFT SQL SERVER, BOOTSTRAP 4

# Maritime Commercial Software Solution

## Bill of Lading Based Payment Request

Payment Draft Request Generation.
Intra departmental Scruitinization.
Finalization of the Draft Request.
Moving the finalized request to
Finance Department for payment.

**Local Payments**

(These payments are made
on behalf of customers after
contract finalization)

**Foreign Payments**

These requests are received at the
respective workstation based upon payment
types for further processing and final
transfer.

## Bills Department

**Private Parties**

(Customers are divided into
two categories)

**Government Parties**

Bill Generation Module (Debit Note)
Collection Module (Exhibit)
Corrector Module (Correction / Adjustments)
A reporting module

Types of Debit Notes

**Normal**

**FMS Case**

**Prorata Case**

Freight Invoice / Slip
Cheque Collection
A reporting module

**PROBLEM BRIEF**
A single instance desktop application built with Fox Pro. This project has the scope
of a full fledge integrated solution that can cater all the needs of the commercial
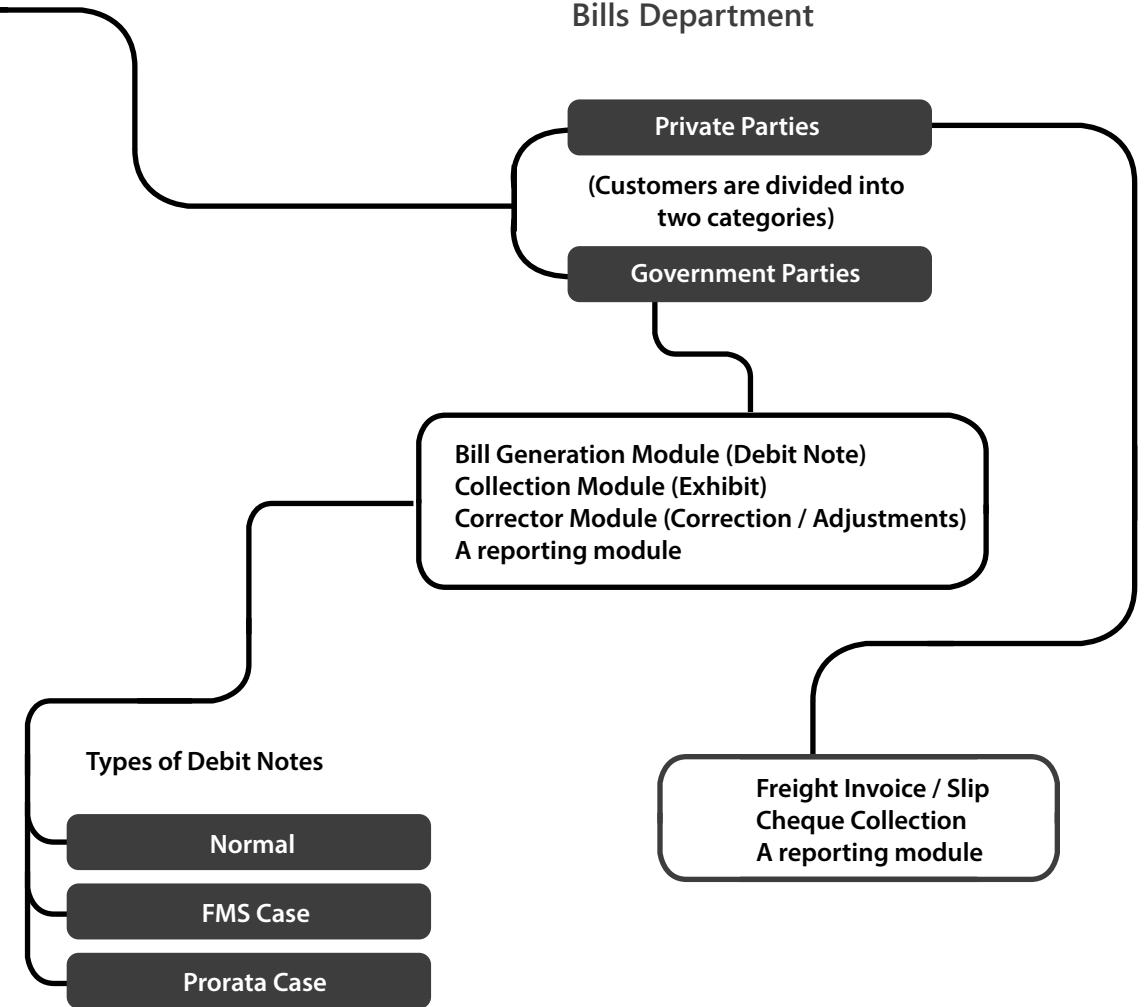department of the respective shipping corporation.

**SOLUTION PROVIDED**
Built with a bottom up approach, we devised a partially integrated solution, with
back-tracking and logging of every sort.

**SOLUTION DEVELOPED WITH**
MICROSOFT VISUAL STUDIO, ORACLE, CRYSTAL REPORTS, BOOTSTRAP

## BOQ based invoicing solution

BOQ Dictionary Population

This definition and population of rates are used for creating contract documents. Which is attached with other Tender documents at the time of bid submission, this is a one time practice repeated every 4 year.

**Work order Generation**

Invoice Generation Based upon the pre-existing rates and percentages applied over it. Only mouse can be used to insert the amounts to the printing of the final invoice.

**PROBLEM BRIEF**
Started in the year 2008, a Bill of quantities based invoicing initially with the idea of keeping everything in excel, which originally required a proper system to keep the data in a structured manner for which excel was not enough.

**SOLUTION PROVIDED**
Our solution is used from contract and boq creation at the time of competing in open bidding to invoice generation after winning it. Today it has been 12+ years since this system is operational and performing its role in bringing in the revenue to the corporation.

**SOLUTION DEVELOPED WITH**
**MICROSOFT VISUAL STUDIO, MS SQL SERVER, CRYSTAL REPORTS, BOOTSTRAP**