

# NAVEED AHMED MALIK

## COMPUTER ENGINEER

ISLAMABAD | +92 3378277733 | [navidml6453@gmail.com](mailto:navidml6453@gmail.com)  
[www.linkedin.com/in/naveed-malik-16a42a182](https://www.linkedin.com/in/naveed-malik-16a42a182) | **skype:** [naveed.malik555](https://www.skype.com/user/naveed.malik555)  
**Portfolio:** <https://malikdesigner.github.io/>

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### **CAREER OBJECTIVE**

I am a highly skilled computer engineer, with knowledge of various tools and languages and eager to learn new skills, which I can utilize for the well being of the company.

### **WORK EXPERIENCE**

#### **MCP Insight Pvt Ltd:**

- Responsible for maintaining, expanding and scaling the dashboard of MCP Shield, one of product of the company.
- Adding new features to the MCP Shield product, build on Codelgniter framework.
- Write well designed, testable, efficient code by using best software development practices.
- Optimize the scraping capability to ensure the data is scrapped efficiently with the minimum usage of server bandwidth.
- Develop highly reliable web crawlers and parsers across various websites.
- Extract structured/unstructured data and store them into Json Format in elastic search.
- Develop frameworks for automating and maintaining a constant flow of data from multiple sources.
- Develop a deep understanding of the data sources on the web and know exactly how, when, and which data to scrape, parse and store this data.
- Active participation in troubleshooting and debugging.
- Creating efficient web crawlers. Create more/better ways to crawl relevant information.
- Familiarity with best practices and design patterns of programming languages.

#### **NATIONAL EMERGENCY OPERATION CENTRE (NEOC)**

July 2020 – March 2022

- Leverage the inbuilt React toolkit for creating frontend features.
- Create data visualization tools, libraries, and reusable code for prospects.
- Integrate designs and wireframes within the application code.
- Monitor interaction of users and convert them into insightful information.
- Write application interface code with JavaScript.
- Enhance application performance with constant monitoring.
- Translate wireframes and designs into good quality code.
- Optimize components to work seamlessly across different browsers and devices.
- Good understanding of CSS libraries, GIT, Sigma, Adobe XD etc.
- Proper user information authentication.
- Develop responsive web-based UI.

#### **UPWASOFT:**

Dec 2019 – Jun 2020

- Worked as a Front-end Developer.
- Designing themes using HTML, CSS, Bootstrap.
- Worked on developing ecommerce web pages.
- Interactive Web Designs.

## **NATIONAL INSTITUTE OF ELECTRONICS (NIE) (DEVELOPER)**

Jun 2018 – Aug 2018

- **Built Parking Management System.**
  - Enable users to book parking independently.
  - Encourage smart mobility decisions based on parking availability.
  - Reduce parking complaints.
  - Eliminate the hassle of managing parking badges.
  - Incentivize modern mobility practices.

## **PAKISTAN TELECOMMUNICATION COMPANY LIMITED (PTCL)**

Aug 2017 – Sep 2017

- Made daily Performance report using MS Excel.
- Dealt with customer complaints and resolved their issues.
- Troubleshooting of printers & pcs.

## **PROFESSIONAL SKILLS**

- JavaScript, React-Js, C++, React Native
- HTML, CSS, Bootstrap, JQuery,
- Sql & Firebase Database, Linux (Basic)

## **CERTIFICATION:**

- Professional ReactJs Training from Udemy
- Ms Office Specialist Certification from Certiport

## **PERSONAL SKILLS**

Reliable and professional, Organized, Fast Learner, Motivated

## **EDUCATION**

- **Matriculation & Intermediate**

Cadet College HasanAbdal

- **Bachelors in COMPUTER ENGINEERING**

National University of Sciences & Technology

## **PROJECTS**

### **Social Listening:**

- One of the projects involves collecting data from social media apps and sites.
- I was assigned for the task of scrapping and collecting data from different sites and apps.
- Data collect different details; author, post, date of post, image/video url if used from different websites like Twitter, Facebook, linkdlen, Quora, Pinterest etc.
- It provided the data for certain keywords.
- This data was transferred to an elastic search database from where it will be further used in the project.

### **MCP Shield:**

- MCP SHIELD protects your brand and customers from mobile payment fraud, detecting unusual behavior and allowing you to decide whether to block a transaction or not.
- Utilizing cutting-edge technology – AI, machine learning and fraud intelligence – MCP SHIELD works in real-time to detect and enable the blocking of fraudulent payment transactions from malicious and suspicious traffic sources.
- With an intuitive analytics portal and a simple implementation process, MCP SHIELD detects unexpected changes and actions on your service landing or payment page. It

determines whether a payment request is legitimate or fraudulent by monitoring the activity of the alleged consumer and by logging whether the consent is bot or human in a transaction assessment.

- It is a company product, however I have also contributed to a lot of features.

### **Vaccine Tracking System:**

- Works on Android phones.
- All data will be stored locally on servers / storage provided by NEOC.
- No Cloud service or software component which stores data outside the territorial jurisdiction of Pakistan will be used.
- Mobile App data will be streaming to NEOC server only.
- Base map to review the Mobile Vaccination Teams will only be from the Public domain e.g Google Maps & Google Earth.

### **Final Year Project**

- Made our own Intelligent pos system using node as backend and react as frontend.
- Rest APIs were deployed on Aws lambda while react code was deployed on S3.
- Android Application for user where he can see his daily record.
- Our system is intelligent enough if stock is finished send request and based on previous records of customer send discounts or offers to him.
- Customer can check his sale on android app.

### **Online mobile ecommerce web app**

- Maintaining the whole platform for client online.
- Customer can buy and sell from online shop.
- Admin and user profile management.
- Full administrative cart system. Contactless payment.
- Creative and effective visual front-end.

### **MCP SCANNER**

- MCP SCANNER monitors advertising campaigns for breaches of regulatory compliance and fraudulent activities.
- MCP SCANNER scans all digital media advertising channels to provide in-depth insights into the user journey: from the initial advertisement or social media post to the payment or subscription page.
- It also provides the latest competitive analysis via MCP TRENDS to help you benchmark your campaigns against your competitors' and to monitor market trends.
- Ensure regulatory responsibilities are met and protect brand and increase customer satisfaction.
- Identify fraudulent activities before they adversely impact the brands and review global market trends

### ➤ **Graphic-Hub App**

- Platform for graphics designer.
- Can create their profile gig.
- Can upload their work.
- Anyone can rate their work.
- Top rated work will show sequentially.

## **AWARDS AND ACHIEVEMENTS**

- Gold Medal from Rawalpindi Board (Gymnastics)
- Colors & Certificate for Football College Team
- Vice President Computer Club