# NAVEED AHMED MALIK
## COMPUTER ENGINEER

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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 CodeIgniter 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.
- Using languages like React-Js, Node-Js & 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 TELECOMMUNIATION 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,
- Adobe Illustrator, Adobe Photoshop
- 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 elastic search database from where it will be further used in the project.

### 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.

**Facebook Messenger Clone**
- Create a user profile.
- Can add other users to friend lists.
- Can see who is active or not.
- Can create a group, message will be sent to all in group.
- Instant Messaging.
- Photo & video Sharing.

➢ **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