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 products of the company.
- Adding new features to the MCP products, 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.
- Scanning different type of website for providing essential data via node js, puppeteer, playwright
- Efficient usage of sql databases and cloud databases like Elasticsearch.

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 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, PHP, Node Js
- Puppeteer, Playwright
- HTML, CSS, Bootstrap, Jquery,
- Elastic Search, 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.

Tagging Service
- It is basically designed to use any database data based on any input.
- It will act as an api end point. Just need to import this in the code and use its functions as JavaScript function.
- You can fetch the data that is gathered from that tag, and it can be used anywhere.
- Other modules can make the dropdown from these tags so that I can be used with other products.
- Both SQL and Elasticsearch databases are used as tables are in SQL and indexes in Elasticsearch

MCP SHIELD
- It provides real time detection and blocks fraudulent payment transactions.
- It protects your brand and customers from mobile payment fraud, detecting unusual behavior, and allowing you to decide whether to block a transaction or not.
- Increase the conversion rates and clear affiliate traffic.
- Ensure regulatory responsibilities are met.
- Major clients are Vodafone, waspa, Sam media and many more.
- It has used over 45 mobile networks.

VeriScanner
- Managing all the transactions, full crud, managing its workflow pages.
- Scanning all the transactions according to different brands and sites.
- It scans all the digital media advertising channels to provide in-depth insights into the user journey.
- It also provides the latest competitive analysis via MCP Trends to help benchmark campaigns against the competitors and monitor market trends.
- It is established in different countries around the globe.

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.

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