Hunar Mohammed
Software developer – Data Analyst

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SUMMARY:

Versatile Data and Business Analyst with expertise in software and web development, focusing on data-driven solutions. Proficient in extracting, cleaning, and analyzing large datasets using SQL, Python, and Excel. Skilled in developing predictive models, creating visualizations, and presenting insights to drive business decisions. Adept at collaborating with cross-functional teams to implement innovative solutions in both software development and data analysis.

PROFESSIONAL EXPERIENCE:

Web Scraping Focused Data Engineer | iHealth and Wellness Foundation | Jul 2025 – Present (Part-Time)
- Developed and implemented web scraping strategies for HealthTech data, using Python and tools like Selenium to automate browser interactions, extract data from dynamic websites, and configure transformations from diverse sources.
- Ensured accurate data delivery and quality, with a strong detail orientation in crawl development and testing, demonstrating meticulous data handling.
- Used Pandas for data manipulation and transformation, and managed extracted data within SQL databases.
- Coordinated project tasks and tracked progress using Jira.

IT and Network support | CBRE Direct Line – Contractor　　　　　　　　　　　　　**Nov 2024 — Jun 2025**
- Providing IT support for hardware, software, and network troubleshooting
- Installing and testing network connections to ensure stable and secure communication.
- Terminate and maintain fiber optic cables for optimal connectivity.

IT Specialist (3 months contract - short term project) | Golf Team Products　　　　**Apr 2024 — Jul 2024**
- Python developer, writing scripts and making integration between different systems through APIs
- Automated repetitive tasks and streamlined workflows using Python scripting.
- Performed Shopify administration for various tasks
- Used the company's Acumatica system for various automation and integration tasks.

Web Developer (Contractor) | US Digital Sciences Corporation　　　　　　　　　　**Oct 2023 — Apr 2024**
- Develop and maintain websites, leveraging a tech stack that includes:
- Python with Django, Django REST framework, and php for backend development.
- AngularJS, jQuery, Ajax and bootstrap 5 for frontend development.
- MySql for managing and optimizing database operations, and Deploy projects on ubuntu web server

Fiber optic technician (Contractor) | Fiberkings LLC　　　　　　　　　　　　　　**Feb 2023 — Oct 2023**
- Configured and Installed modems and routers in the residential homes.
- Performed maintenance and troubleshooting of network hardware, including rack-mounted routers and switches.

Web Developer, Data Analyst | Freelancer, Jul 2019 to Sep 2021 and Sep 2022 to Feb 2023 & Jul 2024 to present
- Built CRM and multitenant applications using AngularJS, jQuery, Ajax, and Bootstrap, Tailwind with Python, Django, and SQL for backend development.
- Customized CMS and e-commerce platforms to meet client needs, leveraging Tailwind and Bootstrap for responsive design.
- Gathered and processed large datasets using SQL, Python, and Pandas for analysis.
- Developed data pipelines for ETL processes using PySpark and SQL.
- Created visualizations and dashboards using JavaScript libraries, Tableau, Power BI, and Matplotlib.

IT Specialist & Data Analyst | Kurdistan Economic Development Organization　　　**Sep 2021 – Sep 2022**
- Develop and implement data-driven strategies to optimize business processes and performance.
- Automated data extraction and cleaning processes using Python scripting.
- Utilize statistical tools and programming languages like Python, R, SQL, bookkeeping, or others to process and analyze data.
- Created visualizations, reports, and dashboards using Python libraries like Matplotlib, Seaborn, and Plotly
- Implemented web scraping tools to gather data from various sources using BeautifulSoup and Scrapy
- Identify trends, patterns, and correlations within data to drive business improvements.
- Maintain and ensure data quality and integrity across various databases and systems.
- Implement predictive models and algorithms to forecast trends or outcomes
- Interpret and present findings to non-technical stakeholders in a clear and understandable manner.

ACADEMIC BACKGROUND:

Postgraduate program, Data analytic　　　　　　　　　　　　　　　　　　　　Aug 2024
Purdue University, (Online)

Bachelors of Science, Computer Science　　　　　　　　　　　　　　　　　　Jul 2020
Sulaymaniyah University-Sulaymaniyah-Kurdistan, Iraq

KEY STRENGTHS:

- **Analytical Mindset:** Adept at dissecting complex problems, extracting insights from data, and making informed decisions.
- **Programming & Development Skills:** Proficient in Python, SQL, JavaScript, and frameworks like Django, Flask, FastAPI, and AngularJS, jQuery for developing software solutions, web applications, and data tools.
- **Data Visualization & Reporting:** Experienced with Tableau, Power BI, SPSS, Excel, and data storytelling, creating clear visualizations for both technical and non-technical audiences.
- **Big Data & Cloud Technologies:** Familiar with Hadoop, Spark, and NoSQL databases for managing large datasets, and cloud-based services for scalable solutions.
- **Data Solutions & Integration:** Expertise in using libraries like Pandas, NumPy, PySpark, Scikit-learn, TensorFlow, Selenium, BeautifulSoup, Plotly, Matplotlib, Seaborn and Frameworks like Django REST Framework for data analysis, web development, and automation.
- **Problem-solving & Automation**: Proficient in addressing real-world challenges through automation, software development, and data-driven solutions using Python, APIs, SQL, JavaScript and other programming frameworks.
- **Web Development Expertise:** Strong foundation in back-end and front-end technologies such python, SQL, APIs, HTML, CSS, Bootstrap, Tailwind, and MySQL, PostgreSQL, SQL server, and WordPress as well for building web platforms.
- **Data Preprocessing:** Skillful in cleaning, transforming, and normalizing data to ensure accuracy and reliability.
- **Ethical Awareness:** Mindful of ethical considerations in handling sensitive data and ensuring responsible AI practices.
- **Time & Project Management:** Experienced in managing multiple IT projects simultaneously and delivering within deadlines.
- **Attention to Detail:** Thoroughly examining data and models to identify potential pitfalls and errors.
- **Data Storytelling:** Creating narratives around data findings, effectively conveying technical and non-technical audiences.
- **Data Ethics & Governance:** Committed to ethical data practices and well-versed in data governance principles, data quality management, and metadata handling.
- **Critical Thinking & Attention to Detail:** Thoroughly examines data quality, evaluates models, and identifies potential biases or errors.
- **GIS & Spatial Analysis:** Knowledgeable in GIS tools like ArcGIS for geospatial data analysis and visualizations.

KEY SKILLS:

Data Technologies & Analytics:
- **Big Data Technologies:** Hadoop, Spark, Kafka, Hive, HBase, Databricks
- **Data Storage:** Relational databases, NoSQL, Data Warehouses (Snowflake, Redshift), Data Lakes
- **Data Modeling:** ER diagrams, Snowflake schema, Dimensional modeling
- **Packages & Libraries:** PySpark, Pandas, NumPy, TensorFlow, Keras, Seaborn, TextBlob, Matplotlib, scikit-learn, Beautiful Soup, OpenCV, Gensim, regex, NLTK, Transformers
- **Statistics / Machine Learning:** Hypothesis Testing, Regression Analysis, Naive Bayes, Decision Tree, Random Forest, Linear Regression, Logistic Regression, Extreme Gradient Boosting
- **Analysis & Visualization Tools:** Tableau, Microsoft Power BI, Excel (Pivot tables, VBA/Macros), Matlab, Google Analytics, Jira

Software Development:
- **Languages & Frameworks:** Python (Django, Flask, FastAPI), JavaScript (JQuery, AngularJS), SQL, Bash Scripting
- **Software Tools:** Microsoft Excel, Natural Language Processing with ChatGPT & LLMs

Web Development:
- **Technologies:** HTML, CSS, Bootstrap, Tailwind, Ajax, Django, Django Rest Framework, WordPress
- **Databases:** MySQL, PostgreSQL, Microsoft SQL Server, MongoDB
- **Web Scraping & Integration:** Selenium, Beautiful Soup, APIs, SOAP API

IT Solutions & Systems:
- **Operating Systems:** Windows, Linux, MacOS, Android
- **Network & Fiber Optic:** Installation and troubleshooting
- **Cloud Technology:** AWS, Azure cloud, Salesforce CRM, PeopleSoft, SAP ERP, Oracle ERP, Acumatica ERP

Additional Skills:
- **MS Office Tools:** MS Access, OneNote, PowerPoint, Word, Outlook
- **Analytics Skills:** Risk & Decision Analysis, Analytical Skills
- **GIS & Spatial analysis:** GIS and ArcGIS

CERTIFICATIONS:

VMWare Certification Professional – Data center virtualization	**in progress**
Supervised Machine Learning - Machine Learning Specialization – *DeepLearning.AI (Standford university)*	Dec 2024
Databases and SQL for data science with python - *IBM*	Aug 2023
Python for data science and AI - *IBM*	May 2023
Next Generation Coders Network - *world learning – University of Indiana (Online)*	May 2021
Introduction to data science in python - *University of Michigan*	Mar 2020

ACTIVITIES:
- Review talks and volunteer at DjangoCon US 2023
- Volunteer at DjangoCon US 2022
- Ignite the creator's startup incubator - Five one labs