

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:

Freelance Developer & Systems Consultant | Contract & Freelance | Jul 2019 – Present (Intermittent)

- Engineered full-stack websites and full booking systems for various businesses from concept to launch, building robust backends with Python, Django, and SQL databases, and creating responsive frontends with HTML, Bootstrap, and AngularJS & ReactJS.
- Built and maintained custom applications for clients, including CRMs and multi-tenant platforms, using Python, Django, SQL, and modern JavaScript frameworks.
- Engineered API integrations to connect disparate business systems, such as Acumatica ERP and Shopify, to automate workflows and ensure data consistency.
- Developed custom data pipelines and performed ETL processes using Python (Pandas, PySpark) and SQL to gather and process large datasets for analysis.
- Created visualizations and dashboards using Plotly, Dash, Matplotlib, JavaScript libraries, Tableau and Power BI.

Web Scraping Focused Data Engineer | iHealth and Wellness Foundation | Jul 2025 – Present (Part-Time)

- Developed and implemented web scraping strategies for HealthTech data, utilizing Python to configure data extraction and 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 | Contractor | CBRE Direct Line

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.

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.

IT Specialist & Data Analyst | Kurdistan Economic Development Organization

Sep 2021 – Sep 2022

- Developed data-driven strategies to optimize business processes, using Python and SQL to automate data extraction, cleaning, and analysis.
- Created reports and dashboards with Python libraries (Matplotlib, Seaborn) to visualize trends and performance metrics.
- Maintained data quality across systems and presented analytical findings to non-technical stakeholders to drive business improvements.

ACADEMIC BACKGROUND:

Postgraduate program, Data analytics | *Purdue University, (Online)*

Aug 2024

Bachelors of Science, Computer Science | *Sulaymaniyah University-Sulaymaniyah-Kurdistan, Iraq*

Jul 2020

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, 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:** 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:

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| • Supervised Machine Learning - Machine Learning Specialization – DeepLearning.AI (Stanford 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