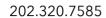# Wayne Grigsby

Solutions Engineer

202.320.7585

grigswa@gmail.com

Alexandria, VA

PROFESSIONAL PROFILE

Throughout my dynamic career, I've remained steadfast in my dedication to excellence, blending enthusiasm, hard work, and practical wisdom to deliver results that matter. From crafting data-driven strategies at Deloitte to leading Gallup's data engineering team as Lead Data Engineer, my 12-year journey has been fueled by a passion for turning complex challenges into impactful products. Now, as a Solutions Engineer at the United Nations Foundation, I channel my diverse experience into designing bespoke technical solutions that leverage AI, empower communities and propel initiatives forward.

TECHNICAL SKILLS

Python
Javascript
TypeScript
React
Nextjs
Django
Git
Heroku
Azure
HTML | CSS
Oracle, PostgreSQL, MySql
Tableau, PowerBi
MAC, Windows, LINUX
SharePoint
Salesforce

EDUCATION

BACHELORS DEGREE
Political Science
Columbus State University

EXPERIENCE

SOLUTIONS ENGINEER

United Nations Foundation | 2019 - Present | Washington, DC
javascript/typescript, python, django, nextjs, sql, solution architecture, data engineering

At the United Nations Foundation (UNF), I apply my diverse skills to address various complex challenges. My work often ranges from the development of custom web applications and data pipelines to the automation of processes and the integration of servers and services.

- Develop comprehensive full-stack solutions utilizing Reactjs, Python, SQL, streamlining workflow from front to back end.
- Spearhead technology-driven projects, managing a dynamic mix of in-house projects and external contractors, ensuring smooth project delivery.
- Architect and engineer custom software integrations, establishing a connection with our primary data source (e.g., Salesforce).
- Engineer bespoke data visualizations, employing a custom API library that I developed and continue to enhance.
- Oversee the evolutionary path and strategic planning of data management at the UN Foundation, optimizing our data-centric operations.

LEAD DATA ENGINEER

Gallup | 2018 - 2019 | Washington, DC
python, data engineering, javascript, django, reactjs, sql, consulting, data architecture

As the Lead Engineer at Gallup, I steered a team of engineers in devising automated solutions for various clients. A crowning achievement was the development of an ETL pipeline for the Pew Research Center, streamlining a six-week process down to just three days and significantly reducing overhead costs.

- Used Python to architect and construct an array of ETL pipelines, enhancing data processing efficiency.
- Integrated 3rd party APIs to curate custom datasets tailored to research needs, optimizing data relevance.
- Directed a team of engineers, delegating specific tasks aligning with broader project objectives, thus boosting focus and productivity.
- Oversaw the progress of task completion, deliverables, and schedules, ensuring timely attainment of project goals.

202.320.7585

grigswa@gmail.com

Alexandria, VA

PROFESSIONAL SKILLS

Consulting
Enterprise Architecture
Tech Strategy
Interpersonal Skills
Communication Skills
Team Leadership
Project Planning
Agile Methodology
Process Improvement
Customer Service
Resource Management
Project Management
Data Collection
Quantitative & Qualitative
Analysis
Research
Mentorship & Training
Program Management

LANGUAGES

English: Fluent
Spanish: Proficient
French: Proficient
German: Beginner

LINKS

LinkedIn
Github

EXPERIENCE continued

DATA SCIENTIST

Deloitte | Department of Justice | 2017 - 2018 | Washington, DC
sql, plsql, python, consulting, data engineering, oracle, data strategy, tableau

Serving as the exclusive Data Scientist on a service transition and technological transformation initiative, I was instrumental in crafting data strategies, developing diverse data products, and assembling a high-performing analytics team.

- Transformed existing manual PLSQL scripts into automated solutions by leveraging Python, thereby enhancing the productivity of end users.
- Crafted compelling data narratives via Tableau, effectively presenting complex data in an understandable format.
- Constructed detailed data reports, driven by client feedback and in alignment with regulatory standards.
- Authored SQL/PLSQL scripts to distill data from Oracle databases, facilitating the creation of comprehensive reports.
- Operated as the key conduit between the client and our team, coordinating all aspects of data solution discussions and implementations.

DATA ENGINEER

Booz Allen Hamilton | Office of the Secretary of Defense | 2017 | Washington, DC
python, sql, data engineering, consulting, reporting, analysis, django, data visualization

As the primary Data Engineer, I held a crucial role in amassing and evaluating Department of Defense audit data spanning four years. This data was instrumental in gauging adherence to prevailing rules and regulations to the growth of government-owned data centers.

- Devised and established databases (postgresql) tailored to store report-specific data, streamlining data retrieval and analysis.
- Authored sophisticated Python scripts to compile, categorize, and glean key insights from said datasets.
- Conceptualized and produced detailed reports and illustrative data visualizations that encapsulated critical findings and insights, aiding in data-driven decision making.

TECHNOLOGY ANALYST

Booz Allen Hamilton | Office of the Secretary of Defense | 2016 | Washington, DC
consulting, solution architecture, technology strategy, data analysis, reporting

In my role as a Technology Analyst for the Office of the Secretary Defense's Business Process Systems Review (BPSR) office, I provided insightful data that drove strategic decision-making within the Department of Defense.

- Conducted comprehensive research and analysis of costs, prospective savings, and return on investment (ROI), thereby offering the Government practical solutions to enterprise-wide challenges.
- Guided decisions related to budget allocation, technology procurements, and contract management, while also identifying investment opportunities in new and emerging technologies.
- Functioned as a critical intermediary between the Department of Defense and industry, assessing the applicability and future resilience of upcoming technologies.