

Julia Johnson

Software Developer | Data Enthusiast | Cloud Learner

Lexington Park, MD | Open to Remote & Hybrid Roles

johnsonjulia1989@yahoo.com | 240-808-4090

GitHub: github.com/TechComa | LinkedIn: linkedin.com/in/julia-johnson-a35697258/

Portfolio: junieb904.wixsite.com/julia-johnson

Professional Summary

I'm a software developer passionate about building intelligent tools that analyze data, automate tasks, and support families - especially those caring for children with special needs. With experience in Python, SQL, and cloud tools, I create solutions grounded in real-world impact.

Skills

Languages & Tools: Python, SQL, Java (Beginner), JavaScript, HTML/CSS, MySQL, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Power BI, RStudio, Jupyter, VS Code, Git, Linux

Cloud & Dev Tools: GitHub, VirtualBox, REST APIs, Excel

Frameworks: Flask, Django, Yellowbrick

Projects

Aircraft Log Analyzer (GitHub)

- Cleaned and analyzed aircraft engine logs using Python and Pandas
- Created visualizations and summary reports for maintenance insights
- github.com/TechComa/aircraft-log-analyzer

Maternal Health Risk Prediction Model

- Built an ML model to predict pregnancy risks using healthcare data
- Used data cleaning, classification, and scikit-learn tools

CareSync - Smart Concierge App for Special Needs Families

- Developed backend tools for reminders, doctor search, and milestone tracking
- Focused on supporting caregivers with intelligent automation

Education & Certifications

B.S. in Software Development - DeVry University (Expected Aug 2026)

- Certification in Data Mining & Analytics (Expected Dec 2024)

Certifications:

- Python Programming
- Technical Support Fundamentals
- Oracle Certified Professional Java (Expected 2025)
- Google Cloud Certified Data Engineer (Anticipated)

Experience

Freelance Data Analyst / Developer (Current)

- Data entry, cleaning, database setup, scraping, and automation
- Created Python scripts for formatting and validating large datasets
- Delivered structured database and full migration report

Johns Hopkins University - Patient Services Coordinator (2023)

- Developed secure records systems and handled patient intake for 50+ patients/day
- Implemented customer info system, improving workflow by 20%

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MYEYEDR - Patient Care Coordinator (2017-2022)

- Maintained patient database, ensured data accuracy, supervised 5 front desk staff

Achievements & Programs

- Women in Tech Scholarship Recipient
- Member, National Honor Society
- Accepted into SheCanCode Women in Tech Program