DONALD BRYAN

⌂ New York, NY

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Summary

Results-driven Full-Stack Software Engineer with a strong foundation in computer science, automation, and systems engineering. Proven ability to design and deploy scalable web applications and backend systems in both healthcare and manufacturing environments.

Experience

Your Health Org　　　　　　　　　　　　　　　　　　　　　　　　**July 2024 – Present**
Full-Stack Software Engineer (Healthcare)　　　　　　　　　　　　　　　　*Columbia, SC*

- Developed a centralized knowledge base used by 3000+ employees to unify healthcare policies, improving policy coherence across hundreds of care teams.
- Architected a regional management platform using **Blazor**, **Entity Framework**, and the **Google Maps JS API** to track patients, employees, and facilities; implemented reusable components, domain-driven design, and clean architecture for eventual consistency.
- Engineered event-driven microservices to interface with **EHR** systems and trigger **ETL** pipelines via **Azure Data Factory** and **Snowflake**.
- Built a modular employee management tool enabling real-time visualization of organizational hierarchy, improving Operations reporting efficiency by 150%
- Created a templating engine to define and replicate healthcare provider team structures across the organization.
- Implemented a job-role permissions module with CRUD-based authorization logic and hierarchical permission sets.
- Stack: **.NET**, **Blazor**, **JavaScript/CSS/HTML**, **Entity Framework**, **Dapper**, **Docker**, **TeamCity**, **Azure Blob Storage**, **Azure Data Factory**, **Snowflake**, **SyncFusion**, **MudBlazor**

Laguna Tools　　　　　　　　　　　　　　　　　　　　**January 2022 – July 2024**
Software / Automation Engineer (Manufacturing)　　　　　　　　　　　　*West Columbia, SC*

- Built a CRM web application using **VueJS** and **Django** with advanced business logic to streamline productivity tracking and integrate with **NetSuite** workflows.
- Developed a real-time travel expense estimator using **Django**, **React**, and third-party APIs for flight, rental car, and hotel pricing, reducing costs by up to 15x.
- Implemented a CI/CD pipeline using **Jenkins**, **Docker**, and **AWS** to automate containerized deployments.
- Collaborated with automation engineers to diagnose and redesign robotic systems using the **Fanuc Karel** programming suite.
- Stack: **VueJS**, **Django**, **React**, **Docker**, **AWS**, **Jenkins**, **Fanuc Robotics Programming Suite (Karel)**

Technical Skills

Languages: C#, JS/TS, Python, Java, C++, HTML/CSS, SQL, Lua, Bash, Powershell
FrontEnd Frameworks: Blazor, Angular, VueJS
BackEnd Frameworks: Entity Framework, Dapper, Spring, Django
Devops Tools: Docker, AWS, Azure, Oracle Cloud, Git, Github, Gitlab, Linux, NGINX, Apache
IDEs: Rider, Visual Studio, VSCode, IntelliJ, Pycharm, Clion

Education

Western Governors University
Bachelor of Science in Computer Science