

Xavion Barrs

Orlando, FL | 904-252-2628 | xavionbarrs@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Professional Summary

Application Developer II delivering high-scale financial systems that process over \$500M annually. Mid-level full-stack engineer with proven success designing distributed architectures, data pipelines, and user-facing applications using Angular, .NET Core, Python, and AWS. Led the creation of a fixed-income trading platform and a CECL microservice that cut loan validation time by hours while boosting reliability and developer velocity. Seeking to apply this expertise to accelerate performance and scalability of next-generation financial solutions.

Experience

Raymond James

Application Developer II

Jan 2022 - Present

St. Petersburg, Florida

- Led development of a fixed-income mortgage analytics trading system (FiMats) using .NET Core, Angular, C#, and SQL Server that processes \$500M+ annually, improving system reliability and enabling scalable loan processing across millions of records
- Led full-stack development of trader portal feature enabling traders to access and customize offering data, implementing C# .NET Core API with Angular frontend, collaborating with business analysts to define requirements and deliver intuitive data visualization controls
- Architected and implemented a pre-submission validation system within the CECL microservice, creating 60+ data validation rules that let users identify and fix errors before sending data to the Moody's API, cutting the average approval cycle by 50 minutes and lowering submission iterations
- Developed full-stack fixed-income inventory pricer using Python/Flask with scikit-learn linear regression to automate multi-hour bond pricing calculations, reducing processing time by 90%+ through weighted regression models and time-decayed spread analysis.
- Optimized SQL Server queries and indexing strategies across large-scale datasets, reducing peak reporting latency to <10 seconds
- Developed Python-based data pipelines on AWS SageMaker and Redshift that support ML workflows and analytics for fixed-income and loan datasets, enabling faster model training and more timely insight generation

Projects

Soleful - Youth Athlete Injury Risk Dashboard (Early-Stage Startup)

May 2026 - Present

<https://solefulapp.netlify.app/>

- Full-stack developer on a youth injury risk early-warning platform (React + Vite + FastAPI); designed, built, and deployed to production (Netlify + Fly) with Plantiga API integration for real-time athlete movement analysis and baseline-driven statistical scoring
- Architected API abstraction layer (live + mock modes) and scoring engine (z-score deviation detection) to enable rapid iteration and validation without external dependencies, accelerating product development and user testing

Technical Skills

- **Languages/Frameworks:** C#, .NET Core, Python, TypeScript, Angular, React
- **Data/Databases:** SQL Server, Oracle, Redis, Data Modeling
- **Cloud/Tools:** AWS (S3, SageMaker, Redshift), Docker, CI/CD (Jenkins), Git
- **Other:** Microservices, REST APIs, System Design, Performance Optimization

Education

University of Central Florida

M.S., Financial Technology

Aug 2022 - Apr 2024

Orlando, FL

University of Central Florida

B.S., Information Technology

Jun 2018 - Dec 2021

Orlando, FL

Certifications

- AWS Certified Cloud Practitioner