

Kris Sharp

skristopy@gmail.com | Miami, FL | (201) 649-3164

Senior Software Engineer

Results-driven Senior .NET Developer with over 8 years of professional experience, specializing in backend development and seamless frontend integration. Proficient in C#, with a strong emphasis on Clean Code principles, Clean Architecture, Test-Driven Development (TDD), and Microservices. Adept at building scalable, maintainable solutions in Agile/Scrum environments. Experienced mentor and team lead, committed to fostering growth and collaboration. Dedicated to continuous learning and staying current with emerging technologies. Active contributor to the developer community, with a Stack Overflow reputation exceeding 17,000, demonstrating a strong commitment to knowledge sharing and technical excellence.

SKILLS

Languages & Frameworks: C#, .NET, .NET Core, ASP.NET, MVC, Python, Django, FastAPI, Node.js, Express.js, JavaScript, TypeScript, Angular, Vue.js, HTML, CSS, Tailwind CSS, Bootstrap, Razor, Blazor, AJAX

Databases, Cloud & DevOps: SQL, T-SQL, MS SQL Server, PostgreSQL, NoSQL, MySQL, Vector (AI/ML), Redis, Azure (Active Directory, AI Services, App Service, Blob Storage, Container Instances, DevOps, Functions, Key Vault, Logic Apps, Monitor, Service Bus, SQL Database), AWS, RESTful APIs, Web API, Microservices, Git, CI/CD, Docker, IIS, Entity Framework, OAuth

Other Technical Skills: Agile, SCRUM, Software Development Life Cycle, Computer Science, Code Optimization, Design Patterns, Dependency Injection, Version Control, Debugging, JIRA, Unit Testing, Dynamics 365, LLM (Large Language Models)

WORK EXPERIENCE

William Blair

Chicago, IL | 10/2023 - Present

SENIOR LEAD ENGINEER

- Directed engineering for William Blair's Summit research platform, doubling the rate of Summit deliveries and dramatically improving automated test coverage across teams managing billions of dollars in portfolio assets.
- Acted as technical owner across our investment research products, guiding teams to deliver robust new features using c#, .Net, TypeScript, Vue3, Python, Azure Functions, Static Web Apps, Azure Storage, SQL Server.
- Shipped a new serverless emerging market debt research platform in less than a year, described by one 3rd-party reviewers as "more capable than firms 10x our size".

Xplor

Atlanta, GA | 07/2021 - 03/2023

SENIOR .NET DEVELOPER

- Engineered a web API that enabled clients to create shopping carts, add products to the cart, and generate guest checkout URLs.
- Integrated a customized Swagger UI in a .NET Framework 4.8-based monolithic solution, configuring it to display specific APIs or endpoints. This ensured internal API documentation remained concealed from external clients for enhanced security.
- Eliminated the high volume of duplicate database entries by investigating and resolving a critical bug.
- Improved system stability and performance by reporting and rectifying bugs identified during analysis or development phases.
- Conducted extensive code reviews with Bitbucket, ensuring code quality, adherence to standards, and excellent collaborative development.
- Initiated a comprehensive knowledge base document on Confluence, engaging team members to contribute insights about the application and domain, fostering shared learning and expertise.

FULL STACK .NET DEVELOPER

- Architected and launched ResortShare.com using .NET Core, Vue.js, and SQL Server. Implemented OAuth 2.0 and RESTful APIs. Deployed on Azure (App Service, CDN) for scalability.
- Led Resortigo.com launch, managing 2 junior devs using Agile. Implemented CI/CD, conducted code reviews, and managed Git workflow. Used Jira for task tracking, resulting in faster development cycles and fewer post-release bugs.
- Engineered a custom Web API using C# and .NET Core for seamless integration with booking providers HomeAway and AirBnb. Increased bookings by 22% with real-time availability and achieved a 0% booking conflict rate.
- Developed a full-stack property management solution, featuring an Angular-based admin panel with Bootstrap UI and a robust booking engine utilizing Angular frontend with .NET Core API backend, leveraging ADO.NET for efficient data access.
- Designed high-performance MS SQL Server database on Azure. Implemented T-SQL stored procedures, indexes, and query optimization for optimal performance and seamless API communication

Collins Aerospace**Charlotte, NC | 07/2016 - 01/2017****FULL STACK .NET DEVELOPER**

- Migrated legacy applications from Visual Basic to .NET, improving performance by 50% and reducing maintenance costs by 30%.
- Transitioned automation pipelines from Jenkins to Azure DevOps, enhancing CI/CD efficiency.
- Developed a PL/SQL application for optimized database management.
- Built and maintained MVP solutions using .NET, enabling rapid prototyping and testing.

EDUCATION

Bachelor's degree, Computer Science

Texas Southern University (May 2015 – Jun 2017)