

WILLIAM WHITE

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SUMMARY

Experienced Polyglot Engineer with a strong track record of over 10 years in the industry, specializing in the development of scalable and high-performance B2B applications.

SKILLS

Programming Languages:	CSharp (C#), TypeScript, JavaScript, Python, Java, SQL.
Frameworks & Libraries:	React, React Query, Redux, Angular 2+, Node.js, DevExpress, MUI, Material, Bootstrap, Tailwind.
.NET Technologies:	.NET Core, Web API, EF, WCF, WPF, MSTest, xUnit, NUnit.
Cloud:	AWS (Aurora, RDS, SQS, DynamoDB), GCP App Engine.
Databases:	MSSQL, MySQL, PostgreSQL, MongoDB
Web Technologies:	HTML, CSS, LESS, SASS, SOAP, JSON, XML.

EXPERIENCE

Senior Software Engineer

March 2022 - March 2024

SkySlope Inc.

Sacramento, CA

- Developed and maintained key full-stack business application, with over 2000 unit tests and managing 30 pull requests per sprint, resulting in consistent bi-weekly product releases and a 80% reduction in deployment times.
- Monitored and debugged high-volume applications using tools like Grafana, Splunk, and Datadog, handling over 10K daily concurrent users, leading to a 99.999% application uptime.
- Improved monetization strategy by implementing sponsored/partnered ads, ensuring a non-disruptive user experience and resulting in a 5 figure monthly recurring revenue (MRR).
- Led cost-saving initiative by implementing file and data streaming and deferred executions, reducing cluster costs by 40% using .Net Web API and Node.js.
- Collaborated effectively with multiple cross-functional teams to develop a widely embraced property technology app using .Net Web API, Node.js, React, and OpenFAAS, resulting in a 30% increase in user adoption.

Senior Software Engineer

August 2020 - March 2022

ARMtech Insurance Services Inc.

Houston, TX

- Developed unified single sign-on solution using Angular 2+, Node.js, .NET Core, and Duo Security, enhancing security for 10K+ users and reducing login time by 20%.
- Refactored hundreds of MSSQL PDF reports to DevExpress and Angular/HTML-based ones.
- Improved coding standards by implementing ESLint, Prettier, and CI/CD scripts using GitLab.

Software Engineer

August 2014 - August 2020

ARMtech Insurance Services Inc.

Houston, TX

- Spearheaded performance optimization and code refactoring using .Net WCF and C# for core business service, resulting in 45x increase in processing speed.
- Implemented the use of customized Webpack Hot Module Reloading, reducing development and debugging time enhancing productivity across all teams.
- Architected and built a scalable web-based SaaS B2B application using Angular 2+, Node.js, WCF, RabbitMQ, Redis, CouchDB, Entity Framework, MSSQL, Docker, and DevExpress Reporting.
- Developed and optimized risk management software using C# and MSSQL, saving \$20M+ in YOY capital.

EDUCATION

B.S.E. in Computer Science and Engineering, University of Texas at Arlington