

VONDRA Y SANFORD

Full Stack Senior Software Engineer

Atlanta, GA | vondraysanford@gmail.com

vondraysanford.com | linkedin.com/in/vondray-sanford | github.com/vondraysanford

PROFESSIONAL SUMMARY

Full Stack Senior Software Engineer with 7+ years designing, building, and shipping enterprise web applications end-to-end with React, C#/.NET, Python, SQL Server/PostgreSQL, and Azure. Architected data applications that accurately processed \$1.5T+ in historical insurance data and built a bulk administration tool that cut a team's monthly support tickets by 90%. Owns critical services from design through deployment and incident response, mentors junior engineers, and applies AI tooling (Claude Code, GitHub Copilot) to accelerate delivery across teams.

TECHNICAL SKILLS

Languages	C#, JavaScript (ES6+), Python, T-SQL, HTML5, CSS3, XML, YAML, Markdown, Java, TypeScript
Frameworks	.NET Core, C#/.NET, ASP.NET, MVC, React.js, Node.js, React Native, jQuery, Entity Framework, Dapper, LINQ, Angular, xUnit
Databases	Microsoft SQL Server, PostgreSQL, MySQL, Redis, Data Modeling, Query Optimization, Database Migrations, CosmosDB, ChromaDB
Cloud & DevOps	Microsoft Azure, Docker, Kubernetes, CI/CD Pipelines, Automated Testing, Git, IIS, PowerShell, Azure DevOps, Octopus, Okta, Argo
APIs & Security	RESTful API Design, Microsoft WebAPI, Inbound/Outbound Data Services, Authentication/Authorization, API Integration Patterns, OAuth 2.0, JWT
Tools & Methods	Agile/Scrum, Azure DevOps, Visual Studio, Postman, SoapUI, GitHub Copilot, Claude Code, Copilot CLI, JAMS, WINSCP, Technical Documentation, Code Review, Incident Response, SFTP, Hangfire, Nuget, Elasticsearch, OpenAPI

PROFESSIONAL EXPERIENCE

CCC Intelligent Solutions (CCCIS) | Remote

Senior Software Engineer

Aug 2026 – Present

- Promoted to own critical 24/7 RESTful inbound/outbound data services and APIs, managing design reviews, testing strategies, deployment plans, and incident response in an Agile, remote-first environment.
- Built AI-driven pull request and change request automation skills for Claude Code and GitHub Copilot used by the Casualty Division, reducing manual effort in code review workflow and standardizing request submissions across 126 engineers.
- Deployed and managed containerized application services using Docker and Kubernetes, collaborating with DevOps teams to streamline CI/CD pipelines, automated testing, and production release workflows.

Software Engineer II

Apr 2022 – Jul 2026

- Architected and optimized high-volume Angular and C#/.NET data applications with advanced SQL Server logic, accurately processing and validating over \$1.5 trillion in historical insurance data while ensuring data integrity across complex database migrations.
- Designed, developed, and maintained full-stack enterprise web applications serving 18 of the top 20 U.S. insurance companies, delivering internal and customer-facing features end-to-end with a focus on performance, reliability, and security.
- Launched a cloud-based AI-powered Injury Evaluation service utilizing biomechanical analysis and machine learning integrations to automate claims processing, standardize settlement decisions, and accelerate review cycles.
- Used Claude Code to build two internal image-processing APIs for third-party integrations, cutting development time ~70% versus standard estimates.
- Wrote clear technical documentation and contributed to internal best-practice guides for data processing pipelines and API integration patterns.

NavCare | Remote

Software Engineer

Dec 2021 – May 2022

- Operated in a dual product owner and developer capacity to define requirements and build a C#/.NET bulk data administration tool, reducing the development team's monthly support ticket volume by 90% through streamlined data workflows.
- Designed and implemented full-stack enhancements to the NavCare Connect web portal, an enterprise healthcare application serving Medicare-certified home health and senior living organizations.
- Translated product requirements into clean, scalable, and well-documented code, collaborating cross-functionally with product managers and stakeholders to ship features with measurable impact.

Powerserve International | Remote

Junior Software Engineer

May 2019 – Jan 2022

- Developed and maintained a mission-critical C#/.NET enterprise application with robust RESTful APIs, ensuring seamless daily operations for 11,000 users at the largest BMW Group manufacturing plant in the world.
- Executed full-stack development for multiple enterprise web and mobile applications using React.js, ASP.NET MVC, and .NET Core, delivering scalable solutions for clients including BMW, MAU Workforce Solutions, and William Raveis Real Estate.
- Engineered a custom C#/.NET and T-SQL automation solution to import high-volume marketing campaign data, enabling filtered report generation and improving data processing efficiency for cross-functional teams.

OPEN SOURCE & PROJECTS

DocQuery — RAG application with swappable local/cloud AI providers

Personal Project | docquery.vondraysanford.com

- Built a full-stack RAG application (React frontend, C#/.NET 10 backend) that ingests PDF, Markdown, and text documents, indexes them in a vector store, and answers natural-language questions with cited source passages, deployed with Azure Container Apps and Cloudflare Pages with a read-only corpus, rate limiting, and token caps.

MonoGame — cross-platform C#/.NET game framework (14K+ stars)

MonoGame | github.com/MonoGame/MonoGame

- Authored XML API documentation adapting archived XNA reference material and adding platform-specific remarks covering DirectX, DesktopGL, iOS, and Android runtime behavior.

KodeKloud AI-102 — official course repo for KodeKloud's Azure AI Engineer (AI-102) training

KodeKloud | github.com/kodekloudhub/AI-102/pull/1

- Identified hardcoded Azure Cognitive Services endpoint and API key exposed in a public course code sample and submitted a security fix replacing the live credentials with placeholders.

EDUCATION

Bachelor of Science, Computer Science

Georgia Southern University, Statesboro, GA

Process Controls Student Summer Intern, Savannah River Remediation, U.S. Department of Energy - Savannah River Site
Association for Computing Machinery (ACM), Student Member

PROFESSIONAL AFFILIATIONS

National Society of Black Engineers (NSBE) | NSBE Atlanta Professionals Chapter, Region 3, Lifetime Member

Association for Computing Machinery (ACM) | Professional Member

Google Developer Groups (GDG) | GDG Atlanta Chapter, Member

CERTIFICATIONS & TRAINING

Microsoft Certified: Azure AI Engineer Associate (AI-102) | Microsoft | Issued Jun 2026

GitHub Copilot (GH-300) | GitHub | Issued Jun 2026

Microsoft Certified: Azure Fundamentals (AZ-900) | Microsoft | Issued Jun 2026

GitHub Foundations (GH-900) | GitHub | Issued Jun 2026