ROBERT CROSSLAND

Sr. Software Engineer

More info at
www.versevibe.dev

(405) 370-2767

KEY SKILLS

TypeScript/JavaScript/Node
****

C#/ASP.NET
****

React/NextJS
****

NestJS/ExpressJS
****

PostgreSQL/MSSQL/MySQL
****

React/NextJS/Angular
****

AWS/Azure/Supabase
****

Highly accomplished Senior Software Engineer and Technical Leader with over 20 years of experience designing, developing, maintaining and modernizing complex, scalable software solutions.

MOST RECENT WORK EXPERIENCE

Prism Creative LLC, Edmond OK
Senior Software Engineer.................... Jan - Current
- Modernized legacy system into "Hub", a web-based legal platform using **Next.js**, **Tailwind**, **Shadcn**, **Supabase**, and **TypeScript**, improving usability and maintainability.
- Built **NestJS** and **TypeScript** backend services with **C#** authentication and **AWS S3** integrations for operational workflows.
- Developed an AI-powered system to categorize free-text violation tickets, enabling actionable analytics using **Vercel AI SDK**.
- Created a document migration tool to move millions of records from **Laserfiche** to **AWS S3** with **MSSQL** metadata, enhancing retrieval efficiency.

Global Payments, Oklahoma City OK
Senior Software Developer....... Nov 2021 - Jan 2025
- Developed **TypeScript-based Serverless** backend on **AWS Lambda**, integrating **RESTful** services for scalable payment infrastructure.
- Enhanced **React + Redux** Admin Portal for restaurant operators,
- Led **DoorDash, COMO** and **Opera** integrations via **Lambda APIs**, enhancing interoperability.

EDUCATION

Cameron University................. 2001- 2004

Bachelor of Science – Computer Science
2800 W. Gore Blvd, Lawton, OK, 73505
(580) 581-2200

OLDER WORK EXPERIENCE

Pearson OBL/Connections Education, Columbia MD
Senior Manager/Senior Software Engineer....... Jan 2014- Nov 2021

- Architected Azure Cloud*solutions using **ASP.NET**, **Angular**, **TypeScript**, and **C#**, enhancing platform scalability.
- Developed **Identity Enablement System (IES)** with **SAML** for secure, centralized login across platforms.
- Built real-time chat system with **Angular**, **Erlang/XMPP/EjabberD**, and **RabbitMQ** for customer support.
- Led four teams through **SAFe Agile** transition, implementing GDPR compliance and accessibility.

Advanced Academics, Oklahoma City OK
Lead Developer/Manager....... Aug 2010- Jan 2014

- Modernized **ROADs** Online Education platform from **C#.NET 2.0 WebForms** to **C#.NET ASP.NET MVC** and later to **Node.js + Express** improving scalability and modernizing the infrastructure.
- Optimized and authored MSSQL stored procedures for high-performance reporting.
- Built **C# + PhoneGap** mobile chat app for student-teacher engagement.

21st Century Technologies/Sumeria Systems, Oklahoma City OK
Lead Developer....... 2006- Aug2010

- Led **PDMSS** application suite development for **C#, ASP.NET Webforms (.NET 2.0), Classic ASP** and **VBScript**, modernizing legacy systems.
- Managed team operations and maintained **Security+** certification for Air Force compliance.

Early Career Summary (Various Roles)
Developer....... 1998- 2006

- Developed systems for government and corporate clients using **C#, XML, XSLT and C++**, including transcript-to-video synchronization for Element A/V with automatic highlighting.
- Built automated testing framework at **Halliburton** for **C++/Win32** software using **WinRunner**, enhancing QA efficiency.
- Contributed to diverse projects with **HTML**, **JavaScript**, **JQuery**, **SQL**, and **XSLT**, demonstrating adaptability across tech stacks.