Charles Boshell

Senior Full Stack Developer

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PROFESSIONAL SUMMARY

Full Stack Developer with over 20 years of experience designing, developing, and deploying scalable applications across diverse industries. Strong expertise in **React.js, Node.js, Java, C#.NET, VB.NET, and AWS serverless technologies**. Skilled at building high-performance, cloud-native systems and delivering solutions in fast-paced Agile environments. Adept at mentoring teams, optimizing architectures, and collaborating cross-functionally to deliver production-ready software.

TECHNICAL SKILLS

- **Front-End:** React.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, Angular, Bootstrap, Material UI, Tailwind CSS.
- **State Management:** Redux, Context API, RxJS.
- **Back-End:** Node.js, Express.js, Java, C#.NET, VB.NET, REST API development, asynchronous programming, event-driven systems.
- **Databases:** SQL Server (20+ years), DynamoDB, SQLite, Oracle.
- **AWS & Serverless:** AWS Lambda, API Gateway, DynamoDB, S3, CloudFront, SQS/SNS, IAM, CloudWatch, Infrastructure as Code (CloudFormation, CDK).
- **DevOps & Testing:** CI/CD pipelines (GitHub Actions, AWS CodePipeline), NUnit, Jest, Mocha, Cypress, logging/monitoring with CloudWatch and X-Ray.
- **Other Tools:** Dapper, DevExpress, StructureMap, Salesforce CRM, NetSuite.
- **Methodologies:** Agile/Scrum (Scrum Master experience).

EXPERIENCE

Avenu Insights and Analytics, Remote — Senior Software Engineer (Contract)
Dec 2024 – Jul 2025
- Redesigned the Sales Tax Administration website for the State of Louisiana.
- Built new database tables and integrated with legacy data structures for seamless transitions.
- Developed business logic in Node.js and .NET, adapting to rapidly changing requirements.
- Designed and coded the UX/UI layer using React.js, JavaScript, HTML5, CSS3, and Bootstrap.
- Deployed components to AWS using Lambda, API Gateway, and S3 for serverless scalability.

Publix, Remote — Software Engineer
Oct 2022 – May 2024
- Designed and developed C# and Node.js libraries to handle point-of-sale system restrictions.
- Implemented responsive UIs with Angular, React, HTML, CSS, and RxJS.
- Created and migrated SQLite database schemas and data migration scripts.
- Wrote unit and integration tests with NUnit and Jest to ensure quality.
- Supported Agile sprints delivering production-ready features under tight deadlines.

AQ2 Embrace LLC, Birmingham, AL — Senior Developer

Nov 2016 – Jul 2022

- Led modernization of remittance software, converting from VB.NET to C#.NET and Node.js.
- Designed REST APIs and integrated with external CRMs/financial systems.
- Implemented dependency injection with StructureMap to improve maintainability.
- Managed SQL Server, IIS, FTP, and domain controllers for production environments.
- Contributed to serverless adoption by prototyping AWS Lambda for secure payment processes.

Main Street, Inc., Birmingham, AL — Developer/Analyst

Mar 2000 – Jun 2016

- Developed COBOL-based printing and order entry systems, later modernized with VB.NET and Reactfront ends.
- Designed database solutions and reports using SQL Server and Crystal Reports.
- Enhanced online order system with responsive web pages and CSS improvements.
- Served as Scrum Master for over a year, leading Agile ceremonies and mentoring teammates.

Earlier Experience:
- **Regulus, Birmingham, AL — Computer Programmer (1998–2000)**: COBOL/Unix print software development.
- **Infinity Insurance, Birmingham, AL — Programmer II (1995–1998)**: COBOL development for financial systems.

CERTIFICATIONS

Microsoft Azure Developer Associate — Aug 2021

EDUCATION

Bevill State Community College, Sumiton, AL — Computer Science Program, GPA 3.4 (1988–1990)
Walker High School, Jasper, AL — Diploma, GPA 3.7, Top 10% of the graduating class of 250 (1985–1987)

ADDITIONAL NOTES

- 8-year U.S. Army Veteran (NBC Operations Specialist, Persian Gulf War).
- Previous SECRET security clearance.
- Recognized with Main Street, Inc. "I'm On It" Award (2014).