Charles Loffler

Senior Software Engineer

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📍 Renville, MN, USA

SUMMARY

Veteran Senior Software Engineer with 9 years building and shipping software in C++, Python, Java, and C# within .NET. I architect scalable, resilient systems and optimize critical paths for low latency and high throughput. My expertise spans microservices, distributed systems, API design, and cloud-native deployments. I emphasize test-driven development, CI/CD, and rigorous code reviews to raise the bar for the entire team. I also mentor and lead technical growth across organizations, aligning engineering outcomes with business priorities.

EXPERIENCE

Senior Software Developer
Salesforce   01/2021 - 09/2025

- Led development of scalable backend systems and AI-powered features.
- Integrated machine learning models into web applications and automated complex workflows.
- Designed system architecture, mentored junior developers, and managed end-to-end project execution.

Software Engineer
Cummins   11/2018 - 05/2021

- Developed backend services and REST APIs using Node.js, Python, MongoDB, and MySQL.
- Contributed to full-stack features, optimized database queries, and improved application performance.
- Collaborated in agile teams, handled medium-scale projects, and took responsibility for system improvements.

Full Stack Developer
NextGear Capital   08/2016 - 10/2018

- Assisted in building small web applications using Python and JavaScript.
- Supported senior developers with debugging, database updates, and API integrations.
- Gained foundational experience in programming, version control, and structured software development.

SKILLS

Backend Developement

Python   **C++**   **REST API**

Microservices architecture   **Node.js**

Web Developement

JavaScript(ES6+)   **HTML5/CSS3**

UI scripting   **Browser-based UI optimization**

React   **Next.js**

Database & Storage

SQL   **Large-scale data indexing**   **Redis**

DevOps

Linux server management

Containerized Workflows   **Docker**

Vercel   **AWS**   **GCP**

Tools & Workflow

Git   **Automation/Internal Tooling**   **Python**

Debugging   **Logging**   **Monitoring**

Build Systems   **Deployment Pipelines**

EDUCATION

Bachelor of Computer Science
Purdue University Northwest
08/2012 - 07/2016

Associate of Science
Ivy Tech Community College
08/2010 - 07/2012