

# Dennis C. Chavours

Springfield, IL, USA · [GitHub](#): [MonteLogic](#) · [StackOverflow](#)

*Golang Backend Developer*

## Professional Summary

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Backend developer with 6+ years of software development experience, specializing in building high-performance, concurrent systems. Strong proficiency in Golang with complementary expertise in Rust and C++ for systems-level programming. Experienced in designing microservices architectures, RESTful APIs, and containerized deployments. Track record of delivering reliable, scalable solutions with 100% Job Success rate and excellent client feedback.

## Technical Skills

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- **Primary Languages:** Golang, Rust, C++
- **Web Technologies:** React, Angular, JavaScript/TypeScript
- **Infrastructure:** Docker, Linux, CI/CD, Microservices
- **Databases:** PostgreSQL, MySQL, Redis, MongoDB
- **Protocols & APIs:** REST, gRPC, WebSockets, JSON
- **Tools:** Git, Google Analytics (Certified), Gorilla Mux, Gin

## Professional Experience

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### Software Developer

December 2018 – Present

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Springfield, IL

- Design and implement backend services handling complex business logic and data processing
- Build RESTful APIs and integrate with third-party services including CRM platforms and payment systems
- Develop containerized applications using Docker for consistent development and deployment environments
- Implement concurrent processing solutions for improved application performance
- Write clean, maintainable, and well-tested code following industry best practices
- Collaborate with stakeholders to define technical requirements and deliver solutions on schedule

#### Key Backend Projects:

- **CRM Data Synchronization Service:** Built robust sync service between e-commerce platform and HubSpot, handling data consistency and error recovery
- **PDF Generation Microservice:** Developed high-performance PDF generation service using Rust/WASM for serverless deployment on Fermyon Spin
- **Custom Transaction Processing:** Implemented checkout processing system with complex validation logic and payment gateway integration
- **Water Polo Whiteboard Backend (Current):** Developing real-time collaboration backend with Golang, featuring WebSocket connections and state synchronization
- **Staff Onboarding API:** Created backend service with document generation capabilities for HR workflow automation

## Systems Programming Experience

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- **Rust/WASM:** Developing WASI-compatible HTTP endpoints for serverless PDF generation
- **Performance Optimization:** Experience with concurrent programming patterns in Go and Rust
- **C++:** Systems-level programming knowledge for performance-critical applications

## Selected Client Testimonials

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- “Dennis is smart and capable... successful communication was when we took the first part of the project to 100% align on what was needed.”
- “Great work, nice and fast. Hire him now, he’s a busy guy and for good reason!”
- “He got the job done quickly and thoroughly on a holiday. Highly recommend.”

## Education & Certifications

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- **Google Analytics Individual Qualification** – Verified by Upwork
- Active GitHub contributor since 2017
- Continuous learning in Go ecosystem, cloud-native development, and distributed systems

## Additional Information

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- **Work Authorization:** U.S. Citizen, Military Veteran
- **Availability:** 30+ hours/week
- **Open Source:** Contributing to Go and Rust communities via GitHub