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PROFESSIONAL SUMMARY

Software Engineer with 6+ years of experience building scalable backend systems and APIs in enterprise environments. Proven track record designing cross-system architectures, improving data reliability, and delivering high-impact production services. Expanding expertise in AI-enabled applications and intelligent automation.

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript, TypeScript

Backend: Spring Boot, REST APIs, OAuth2/JWT, Node.js

Cloud / DevOps: AWS, Docker, CI/CD, Linux, Git

Data: PostgreSQL, ETL, Data Pipelines, SQL

AI / ML: LLMs, RAG, Vector Search, Prompt Engineering, AI APIs

Enterprise: Workday, Workday Studio, Constituo, XML, XSLT, SFTP

PROFESSIONAL EXPERIENCE

Backend Engineer (Integration & Automation)

St. Norbert College - De Pere, WI (Hybrid)

2024 - Present

- Delivered **25 integrations** within a 500+ enterprise ecosystem, enabling secure, high-volume data exchange across enterprise platforms.
- Engineered Java-based integration services for complex workflows, supporting scalable production automation and reliable system interoperability.
- Architected scalable Spring Boot REST APIs that centralized institutional data into a **single source of truth**, reducing dependency on **50+ systems** and supporting high-volume, secure data processing.
- Implemented fault-tolerant automation pipelines with monitoring, logging, and error recovery, improving system reliability and reducing operational failures across enterprise integrations.

Software Engineer (Full Stack)

Envano - Green Bay, WI (Hybrid)

2020 - 2023

- Developed custom web applications and backend APIs for high-traffic digital platforms, supporting e-commerce and multi-location businesses with scalable and performant solutions.
- Optimized backend services integrating external APIs, CMS platforms, and commerce systems, improving performance, responsiveness, and system scalability.
- Created a reusable component library and website framework that reduced typical project staffing from **3 developers to 1**, significantly accelerating delivery and improving engineering efficiency.

Software Engineer (Backend)

Cognizant (Contract via Revature) - Remote
2020

- Selected for enterprise consulting engagement following technical training, completing onboarding and deployment readiness for a confidential client initiative.

Software Engineer (Full Stack)

Revature - Tampa, FL
2019 - 2020

- Built collaborative full-stack applications in an accelerated software engineering environment focused on enterprise development practices and client delivery readiness.
- Produced internal projects using Java, Spring Framework, Angular, Node.js, JavaScript, HTML, and CSS, delivering production-style solutions in agile team environments.

AI / MACHINE LEARNING PROJECTS

Enterprise Knowledge Assistant (In Development)

- Architecting and implementing a **Retrieval-Augmented Generation (RAG)** platform for document search and contextual Q&A using **vector search** and LLM APIs.
- Designing backend APIs for document ingestion, embeddings, and secure query workflows.
- Implementing source-grounded responses and retrieval pipelines to improve answer accuracy and knowledge access.

Intelligent Document Automation Platform (In Development)

- Developing an AI-powered document extraction service that converts PDFs into structured data using LLM APIs.
- Building automated pipelines for ingestion, inference, and downstream system integration.
- Enabling secure REST API integration for document intelligence workflows across enterprise applications.

EDUCATION

Bachelor of Science in Computer Science, Minor in Business

University of Wisconsin-River Falls (AACSB Accredited)