Jasper Showers

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Professional Summary:

- Highly adaptable individual with fearless resolve to jump into new projects or technologies.
- Senior Engineer with 18+ years of experience delivering high-impact solutions across the entire SDLC. Experience taking complex projects from initial concept to final deployment, whether operating as a solo architect or collaborating within small to enterprise-scale teams.
- Relevant skills: Agentic AI engineering, prompt engineering, AI evals, Python, Django, Docker, AWS, git, Postgres/MySQL/MongoDB, NodeJS, Celery, and much more.

Work Experience:

J Showers Digital Consulting || Independent Contractor || Remote || 07/26 - present

- Brainstormed, architected, built, deployed, and monitored several solutions for smaller businesses: phone apps, web applications, data monitoring applications.
- Used AI code harnesses and different coding models to build and scale quickly. Created many commands, skills, and sub agents for use among different projects.
- Created a Django and Postgres solution using pgvector to transform unstructured multilingual tour data into structured JSON via LLM-driven extraction; engineered a semantic retrieval system utilizing embeddings to automate the generation of bespoke multi-day travel itineraries with integrated pricing verification.

Sure || Senior Engineer II || Remote || 08/22 - 03/26

- Designed and deployed a multi-region AI evaluation framework and OCR system, using Python and Django, to automate claim adjudication.Utilized prompt engineering, JSON schema validation, and multiple LLM providers (Claude, OpenRouter) to streamline data extraction.
- End-to-end integration of global insurance APIs (Travel Guard, Sedgwick) across global regions: APAC and EEMEA. Engineered a scalable translation architecture supporting 10+ languages and ensuring compliance with international data privacy laws.
- Designed and implemented a full-stack "Form Builder" CMS using Django Rest Framework and PostgreSQL; transitioned legacy static forms into a dynamic, API-driven architecture that significantly reduced front-end deployment overhead.
- Operated as a senior remote engineer within a distributed infrastructure, managing K8s cluster health and production deployments via Terraform and AWS; served in an on-call rotation (PagerDuty) to maintain high availability for high-traffic credit card benefit products.

Invitae || Senior Engineer & Team Lead || Remote || 05/21 - 08/22

- Worked with an international team to deliver and report on microservice projects from inception to release. Supported multiple languages/frameworks including: Python/Django, Go, Kotlin, Scala, NodeJS, AWS, K8s, Terraform, and in-house solutions.
- Led new projects involving research, technical design documents, presentations, authoring tickets, and organization across several teams to deliver business needs and partner integrations.
- Experience publishing and consuming messages with RabbitMQ/AMQP as well as Kafka/Debezium/Outbox patterns.

Spire Digital, Kin&Carta Denver || Senior Engineer & Team Lead || Remote ||10/19 - 05/21

- Stood up a .NET Core API solution using the CQRS design patterns to support microservices. Unit tests, JWT authentication, and collaboration between the team and client. Worked in a React/Redux front-end supporting complex business logic in a responsive way.
- Led a small team to rework a client's library and search functionalities using Elasticsearch, Node, Typescript, React, Redux, AWS, and Docker. Managed dev-ops for our local solution using AWS Fargate. Encompassed language detection, language machine learning, and kNN distance algorithms for multidimensional vector data.

Ria Financial (Euronet) || Senior Software Engineer & Team Lead || Denver, CO || 02/18 – 08/19

- Worked with a small development team to create a public-facing RESTful API from the ground up using C# .NET core, JSON web tokens, and Amazon Web Services.
- Pivoted technology stacks and learned front-end technologies to build a mobile app consuming the API, using the Ionic Framework, Angular 2+, and Redux.
- Helped to implement device-specific functionality such as fingerprint/face login, in-app browser control, device storage, and more.
- Successfully communicated and collaborated with a worldwide team to deliver a complex and secure money-transfer application.

Self Employed Contractor Software Engineer || Denver, CO || 08/16 – 02/18

- Architected a standalone ETL solution using C# .NET and Entity Framework to ingest and normalize analytics data from Google AdSense and Omniture into AWS RDS.
- Developed and maintained .NET Web APIs and complex MS SQL stored procedures, implementing various 3rd-party integrations for high-scale data solutions.
- Managed end-to-end project delivery as an independent contractor, solving technical bottlenecks and building custom solutions from the ground up for diverse clients.

Ria Financial || Senior Software Engineer || Denver, CO || 04/13 – 03/16

- Engineered a greenfield ASP.NET Web API and front-end solution to facilitate international money transfers, managing the full stack from MS SQL database design to UI implementation.
- Integrated multiple third-party SOAP and REST APIs for mission-critical services, including fraud prevention, payment authorization, and global marketing referral systems.
- Optimized complex stored procedures for high-performance API consumption and established a robust testing culture by implementing hundreds of unit and integration tests using Moq.

PaySimple, Inc || Web Developer || Denver, CO || 08/10 – 12/12

- Maintained and upgraded a high-traffic web application from .NET 3.5 to 4.0, optimizing C# .NET MVC and WCF services for a load-balanced production environment.
- Optimized database performance for high transaction volumes by refining T-SQL stored procedures and managing Windows services for batch processing and 3rd-party API integrations.
- Resolved complex technical debt and ensured PCI compliance for sensitive financial data while improving cross-browser frontend performance using jQuery, AJAX, and Knockout JS.

Bridgeline Digital, Inc (formerly Indigio Group) || Denver, CO || 02/08 – 08/10

- Developed and optimized .NET/SQL Server web applications for high-profile clients including Budget Truck and PODS, consistently delivering performance improvements under strict deadlines.
- Demonstrated high technical agility by rapidly integrating into diverse frameworks and PHP-based projects to provide specialized development resources and resource optimization.
- Built custom Drupal modules and WordPress solutions for major organizations, including Denver Botanic Gardens and eBags, focusing on extended functionality and bespoke user experiences.

Education:

Metropolitan State College of Denver, Denver, CO.
Computer Science Major, Mathematical Sciences Minor
Graduated, Spring 2009

University of Northern Colorado, Greeley, CO.
Business Major, Emphasis in Computer Information Systems