Andrew Cartwright

 Salt Lake City, UT   ✉ drew.c.cartwright@gmail.com   ☎ (720) 755-3389   in LinkedIn   </> Portfolio

Dedicated backend engineer with experience in designing and developing robust APIs for financial technology solutions at Addepar. Proficient in optimizing system performance and ensuring seamless data integration, I excel in collaborating with cross-functional teams to deliver scalable and efficient backend systems. I am passionate about solving complex technical challenges and committed to driving innovation and improving processes in fast-paced environments.

PROJECTS

- **Author Website**

  Created a React-based website for a local author to showcase their work and provide a platform for readers to engage with the author.

- **E-Commerce Mobile App**

  Developed the backend for an e-commerce mobile app using Spring Boot, enabling users to browse products, add items to their cart, and complete purchases. Integrated with Stripe API to process payments securely.

SKILLS

- Java (Spring Boot, Quarkus)
- RESTful API Development
- SQL (MySQL, PostgreSQL)
- Database Design and Optimization
- TypeScript (React, Node.js, Express)
- Elasticsearch
- Kubernetes
- Docker
- Unit and Integration Testing (JUnit, TestNG)
- Github Actions

EXPERIENCE

Addepar   **Sept 2021 - Present**

Software Engineer II   **Sept 2024 - Present**

Software Engineer   **June 2023 - Sept 2024**

- Spearheaded the development of a new feature that enabled clients to automate complex ownership transfers, resulting in a significant time savings.
- Designed and implemented multiple APIs to enable efficient access to vital financial data, fulfilling a commitment to clients with a combined ARR of $25M.
- Enhanced performance of Elasticsearch-backed audit trail, resulting in a five-fold increase in the result export limit and a 40% decrease in response times.
- Collaborated seamlessly with non-engineering teams, synergizing efforts to deliver, evaluate, and iteratively enhance solutions to address multifaceted business challenges.
- Constructed an asynchronous API to facilitate the export of large transaction datasets, allowing clients to efficiently access and analyze data.
- Introduced sparse fieldsets to pivotal APIs, leading to a 30% reduction in request times and delivering a highly customizable experience to address a diverse range of use cases.

Technical Support Analyst   **May 2022 - June 2023**

- Identified, raised, and assisted with critical incidents, providing timely and effective solutions to minimize impact on end-users and improve overall system stability for the company.
- Diagnosed and resolved client issues with APIs and integrations, escalating to the appropriate engineering team when necessary.
- Created internal documentation outlining support processes and reviewed product release notes intended for clients, ensuring accuracy and clarity.

Client Support Analyst   **Sept 2021 - May 2022**

- Drove continuous improvement by analyzing client issues to identify trends and proposing proactive solutions to enhance software performance.
- Attained a 95% customer satisfaction rating by adeptly resolving over 50 product-related inquiries weekly, consistently exceeding response resolution benchmarks.

EDUCATION

Bachelor of Science in Applied Mathematics

Southern Utah University - Cedar City, UT

- Graduated *summa cum laude*
- Minors in Finance, Computer Science