Harrison M. Hemstreet

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EXPERIENCE

Lead Backend Engineer | Exploro Group   March 2022 – Present
• Launched an in-flight application with a weekly user engagement of 500,000 - 1.5 million, providing advertising opportunities for hotels, restaurants, and attractions.
• Championed the integration of advanced Large Language Models (LLMs) into the Exploro platform, significantly elevating the customer experience.
• Fabricated a solution for efficient data transfer from aircraft to servers in a disconnected environment.
• Implemented a CI/CD pipeline reducing development time by 15 hours per week.
• Designed the architecture for the microsite generation app.
• Introduced a solution to enable custom development for clients, thereby facilitating product segmentation.
• Engineered core web services and led the Database Design and Administration.

Full-Stack Software Engineer | Rock Solid Internet Shipping   August 2021 - August 2022
• Led the development and maintenance of efficiency tools, saving 6 workdays monthly for the internal team and larger time savings for customer support teams.
• Engineered tools for shipping logistics optimization across major carriers, enabling seamless and cost-effective global shipping for customers.
• Successfully refactored legacy codebase to follow modern industry standards in less than half the allotted time.

Host of Live Show and Tech Evangelist | Career Karma   August 2020 - December 2021
• Taught intro to programming classes 3x / week. (JavaScript, HTML, CSS, REST, SQL, Data Structures, and Algorithms)
• Hosted engaging live shows and interviews with tech industry leaders, attracting significant viewership and engagement, increasing viewership by over 400%.
• Mentored underrepresented individuals, guiding them toward careers in computer science.
• Demonstrated problem-solving skills in high-pressure startup scenarios, contributing to a dynamic work environment.

Full-Stack Software Engineer | Younique Products   August 2020 - August 2021
• Assumed ownership of the critical multi-level marketing payment structure code from the founding engineer at Younique Products. Achieved significant enhancements in the codebase, leading to more efficient and reliable processes for compensating hundreds of sales associates. Presented technical improvements and strategic insights to the founder of Younique Products, earning high praise for innovation and impact.
• Enhanced sales tracker functionality improving user experience and operational efficiency.
• Successfully refactored a critical microservice, boosting efficiency and performance by 33%.
• Excelled in diagnosing complex issues across multiple systems and participated in architectural design discussions.
• Handled diverse tasks including bug resolution and new code development.
• Played an instrumental role in agile development, focusing on innovating new features and maintaining existing ones.

SKILLS

Languages:
TypeScript | JavaScript | Python | PHP | Java | Rust | SQL

Technologies:
AWS | GCP | Linux | Next.js | React.js | Node.js | Django | PostgreSQL | MySQL | Docker | Kubernetes | Spring | Spring Boot | CakePHP | Actix-Web | Git | REST | CI/CD | Agile | GitHub Actions | Jira | HTML/CSS | Linux | Windows | MacOS

EDUCATION

Springboard • Computer Science • 2020
9-month intensive course in computer science with 1:1 industry mentor oversight