

CHRIS LAKEY

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PROFESSIONAL SUMMARY

Software engineer who turns complex business problems into elegant technical solutions. 5 years of experience building everything from real-time collaboration tools to automated workflow systems. Strong foundation in algorithms, data structures, and design patterns, combined with practical experience scaling applications. Known for making systems more efficient while keeping users happy.

KEY ACHIEVEMENTS

- Rebuilt large-scale business application to handle 200+ concurrent users with sub-second response times
- Automated processes that saved organizations 500+ hours annually through custom software solutions
- Managed systems processing over \$250,000 in financial transactions with zero data loss
- Increased user satisfaction metrics by 25-30% across multiple projects

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER II | Shop4D

July 2019 - Present | Denver, CO

- Led team of 3 engineers in rebuilding core system architecture using WebSocket technology, achieving sub-second response times and enabling real-time collaboration
- Integrated multiple industry-standard APIs, expanding user resources by 30% while maintaining system performance
- Created and documented new customer onboarding process, reducing setup time from months to weeks while maintaining data integrity
- Built a VIN scanning feature using Google Cloud Vision API that improved vehicle information lookup accuracy and user satisfaction
- Managed development team's feature request pipeline, leading weekly prioritization meetings and maintaining incident tracking system to ensure client needs were met efficiently and no critical issues were overlooked

INDEPENDENT SOFTWARE ENGINEER | Wild Forge Development

September 2021 - Present | Denver, CO

- Engineered scalable donation tracking system handling \$250,000+ in contributions, using advanced caching strategies to maintain quick access to historical data
- Created a scheduling system for nonprofits using Next.js that helped increase volunteer participation by 30%
- Built critical startup infrastructure under tight two-week deadline, implementing CI/CD pipelines that reduced deployment time by 75%

- Developed ATS platform processing 1000+ applications monthly, improving candidate matching through automated workflows
- Implemented disaster recovery system with 15-minute recovery time objective (RTO), protecting multiple organizations from data loss

TECHNICAL EXPERTISE

Languages & Frameworks

JavaScript • TypeScript • Python • PHP • React • Redux • Next.js • Django • Node.js

Infrastructure & Databases

AWS • Google Cloud • Docker • Kubernetes • MySQL • PostgreSQL • MongoDB • WebSockets

Computer Science Fundamentals

Data Structures • Algorithms • Design Patterns • System Architecture • Performance Optimization • Database Design

Development & Tools

Agile • Git • CI/CD • Test-Driven Development • Object-Oriented Design • REST APIs • Microservices

EDUCATION & CERTIFICATIONS

Bachelor of Science in Computer Science

Colorado Technical University, 2021

- Focus on algorithms, data structures, and software architecture
- Capstone: Led development of food ordering system using Django
- Served as Scrum Master, managing daily standups and agile processes
- Responsible for core architecture and majority of feature implementation

Professional Certifications

- React.js Certification (Academind, 2024)
- AWS Solutions Architect Certification (In Progress - Early 2025)
- Docker & Kubernetes Certification (In Progress - Early 2025)