Austin Lord, Senior Software Engineer

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Senior Software Engineer with 16+ years of experience building platforms that become institutional infrastructure. From open-source design systems used across hundreds of apps to internal tools powering Meta's global network planning and operations, I build durable platforms that operate in complex environments.

Experience

Senior Software Engineer III · Meta via Route 36 (Remote)

Jan 2023 – Present

- Architect and maintain full-stack platforms (TypeScript, PHP, Python) supporting Meta's global network
- Improved performance of high-traffic data tables by 60% through query and backend optimizations
- Contribute to $100M+ contract systems and own on-call across pipelines, infrastructure, and applications

Senior Software Engineer · Rume Health (Remote)

May 2022 – Dec 2022

- Re-architected telehealth platform, consolidating AWS Lambdas into a unified Python (Chalice) service with PostgreSQL and EMR/Twilio integrations, improving reliability for patients and healthcare providers

Director of Digital Campus · Indiana University (Bloomington, IN)

Jul 2019 – May 2022

- Launched covid.iu.edu within days, serving 90,000+ users with real-time dashboards during the pandemic
- Directed Rivet v2 adoption across web, email, and app platforms, enabling a unified experience for students
- Managed and mentored a growing design and engineering team

Lead User Experience Engineer · Indiana University (Bloomington, IN)

Oct 2011 – Jul 2019

- Founded and scaled IU's UX engineering function from a solo role to a team, establishing shared tooling and platform standards that brought harmony to complex enterprise systems
- Created Rivet, an open-source design system adopted across hundreds of applications
- Delivered IU's first responsive, search-driven IT service platforms, improving access to core services

Skills

Architecture: Distributed systems, API design, data pipelines, system integration, platform reliability

Languages: TypeScript, JavaScript, Python, PHP, Hack, Rust, SQL, GraphQL

Frontend: React, Angular, Vue, Next.js, HTML, CSS/SASS, Tailwind, Design Systems (authored)

Backend: Node.js, Serverless (AWS Lambda, Chalice), Laravel, legacy system modernization

Infrastructure: AWS (Lambda, S3, RDS), CI/CD pipeline design, custom deployment and tooling

Education

Master of Science · Indiana University · Bloomington, IN · 2010
Bachelor of Arts · Indiana University · Bloomington, IN · 2007