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Hiring Manager
instructure

Dear Hiring Team,

I am reaching out to apply for an engineering applying for the Software Engineer II role at instructure. I am As a security-focused engineer with strong full stack and cloud experience , and I do my best work where the problems are messy, the constraints are real, and the outcome needs to be operationally reliable. My strength is turning ambiguity into a clear plan, then shipping tooling and automation that teamscan actually run and maintainwho builds reliable, user-centered systems end-to-end, I am drawn to instructure's mission of empowering educators and learners through technology. My experience delivering full-stack tooling, where security, reliability, and usability intersect, aligns closely with the needs of your engineering teams.

In my current role with the University of California Office of the President, I build and operate built and operated production security systems that integrate data from multiple sources , reconcile inconsistent records, and support remediation across large environments. I have delivered containerized services , automation pipelines , heterogeneous data sources and internal tooling that improve visibility and reduce manual effort for security and operations teamsdeliver actionable remediation workflows. I developed operator-facing interfaces in React.js, backend services using Node.js, and data pipelines requiring deep Postgres schema understanding, including query tuning and transactional integrity for reconciliation logic. I also established internal best practices for integrated AI-assisted security tooling with an workflows using LangChain and RAG pipelines, with strong emphasis on auditabilityand safe deployment, and I wrote runbooks that standardized asset remediation workflows across the organization, guardrails, and operational safety.

Earlier in my career, I built created Python and PowerShell automation to support endpoint operationsat enterprise scalefor enterprise endpoint operations, including patching , configuration enforcement , and administrative workflows. I have also developed and configuration enforcement at scale. I also built analytics tooling that converts turned security data into actionable reportingand measurable improvements. Alongside my professional work, I built clear reporting, and I developed a phishing detection project that combined combining a browser extension with a backend API and that earned an innovation award, which reflects the way I approach problems: pragmatic engineering, measurable outcomes, and systems that hold up in real use. Across these efforts, I consistently prioritized accessibility compliance, automated testing, and CI/CD practices to ensure tools were both usable and maintainable.

Across roles, the pattern is consistent. I ship. I document. I build guardrails so the next person can operate what I deliver. I communicate clearly with engineers and leadership, and I take thrive in environments where reliability, security, and developer velocity must coexist. I bring ownership from design through production support. I am comfortable working across cloud platforms, modern development workflows, and security tooling ecosystems, build systems that hold up under real operational pressure, and document them thoroughly so others can run them. I iterate based on feedback from engineers and operators alike, and I like environments where reliability, security, and developer velocity all matterwould welcome the chance to help instructuredeliver resilient, accessible platforms that support educators and learners around the world.

Thank you for your time and consideration. I would welcome the opportunity to discuss how I can contribute to instructureand help deliver secure, maintainable systems that improve outcomes for the teams and customers you support.

Sincerely,
Conner Jordan