



Senior Software Engineer, Patch Engineering & Vulnerability Remediation

- ✓ Full time
- ✓ 100% Remote
- ✓ Permanent Employee

Who we are

We build software that helps the largest, AI-driven organizations build and operate advanced data science and AI solutions at scale. Our platform integrates a streamlined model development environment, MLOps capabilities, and novel features for collaboration, reuse, and reproducibility — all of which make data science teams more productive, reduce time to value, and ensure compliance. Our customers — like Johnson & Johnson, GSK, Bristol Myers, UBS, FINRA and the US Navy — are using our software to solve some of the most important challenges in the world, such as developing new medicines, securing our financial markets, or protecting our country. Backed by Sequoia Capital, Coatue Management, NVIDIA, Snowflake and other leading investors, we have been in business for a decade but are still a small team operating with the spirit of a startup. Especially in the world of AI today, we believe that the future is still being invented — and we want to be the ones building it.

What we are building

Our PHaM (Publish, Host and Monitor) team's mission is to build out a best in class platform for publishing, hosting and monitoring of machine learning models. We have ambitious goals to allow models to be published anywhere, hosted locally in an enterprise grade environment with a focus on performance, scalability and observability, and have those models analyzed for a variety of quality metrics including model degradation and data drift.

What your impact will be

- ✓ Have a deep knowledge of our codebase, commonly implemented design patterns and various core platform services like MongoDB, RabbitMQ, our messaging queue etc.
- ✓ Be able to identify and fix technical issues or bottlenecks in the codebase
- ✓ Be able to represent the team in technical discussions with other groups or with leadership for the features developed and shipped by you
- ✓ Mentor junior team members and helping them improve their skills and knowledge

What we look for in this role

- ✓ 5+ years previously in a software engineering individual contributor role
- ✓ Strong knowledge of one or more programming languages, such as Scala, Java, Kotlin, Python, C/C++, C#
- ✓ Experience in design and development of large scale distributed systems
- ✓ Strong understanding of data structures, algorithms, and software design principles
- ✓ Excellent problem-solving and communication skills



Experience

- ✓ Has built, shipped, and maintained container images or installable software for regulated, restricted, or air-gapped environments.
- ✓ Has owned vulnerability remediation as an engineering function, including triage, root-cause analysis, patching, testing, and release.
- ✓ Has worked against a formal external scanning, compliance, or security assessment regime where vulnerabilities had to be investigated and remediated within defined expectations.
- ✓ Has product-company experience shipping self-hosted or customer-operated software rather than working exclusively on internally hosted services.
- ✓ Is able to read and understand code across multiple projects, repositories, or services in order to identify the real source of vulnerabilities and implement appropriate fixes.
- ✓ Has strong software engineering skills applied across the full software development lifecycle, from development and testing through build, release, and maintenance.
- ✓ Has debugged and fixed real application code across more than one codebase or service, not just configuration or infrastructure-as-code.

Technical Skills

- ✓ Deep familiarity with containers, container image construction, Linux/Unix environments, and modern build systems.
- ✓ Working knowledge of Kubernetes and Helm, including how applications are packaged and deployed into Kubernetes environments.
- ✓ Practical experience with vulnerability scanning, dependency analysis, SBOMs, artifact provenance, signing, or related software supply-chain tooling.
- ✓ Strong programming skills in Go and/or Python, with the ability to read, modify, test, and maintain production code.
- ✓ Experience designing, maintaining, or improving CI/CD pipelines and automated build and release workflows.
- ✓ Strong understanding of software dependencies, package management, versioning, and the impact of dependency or base-image vulnerabilities.
- ✓ Must have experience working within the Open Source ecosystem in a Linux/Unix environment.
- ✓ Comfortable troubleshooting complex issues across application code, dependencies, containers, build systems, and deployment environments.
- ✓ Strong written and verbal communication skills, with the ability to document technical findings and explain remediation decisions clearly.

What we value

- ✓ We strongly believe in the value of growing a diverse team and encourage people of all backgrounds, genders, ethnicities, abilities, and sexual orientations to apply
- ✓ We value a growth mindset. High-performing creative individuals who dig into problems and see the opportunities for success



- ✓ We believe in individuals who seek truth and speak the truth and can be their whole selves at work
- ✓ We value all of you that believe improving is always possible. At Domino, everything is a work in progress ... we can do better at everything
- ✓ We emphasize an environment of teaching and learning to equip employees with the tools needed to be successful in their function and the company

What we offer

- ✓ Family Health Insurance (Osde 410)
- ✓ Unlimited Vacations (PTO)
- ✓ Argentine holidays
- ✓ No timezone shifting (Argentina Time)
- ✓ Compensation in US Dollars