

I am a lead software engineer interested in building usable, scalable and reliable applications. While my experience is primarily backend in Python and Django, I enjoy working on DevOps related projects as well. I have led several teams to work on complex applications from refactoring to building from scratch.

## Work Experience

<b>Lead Software Engineer</b> Infra-Platform team	<b>Springboard</b> Bengaluru, India	<b>Aug 2020 – Present</b>
<ul style="list-style-type: none"><li>• Worked on quarterly project planning for Infra-Platform team along with managing project delivery.</li><li>• Mentored 2 engineers and enabled projects like: Migrating from Helm 2.10 to 3.5, Enabling Cloud-NAT and migrating to a Private Cluster on GKE.</li><li>• Provided guidance and reviewed system design docs for engineers in Product and Marketing teams.</li><li>• <b>Upgrading Django from 1.8 to 3.0:</b> Defined the execution plan and led a team of 3 to successfully complete the project without any PO bugs. Also fixed unit tests and wrote documents on how to write good unit tests.</li><li>• <b>Secrets Management:</b> Defined, identified and documented all secrets in our system. Evaluated tools like Vault, GCP Secrets Manager to incorporate in our application. Successfully integrated GCP Secrets Manager with kubernetes.</li></ul>		
<b>Senior Software Engineer</b>	<b>Springboard</b> Bengaluru, India	<b>Apr 2018 – Aug 2020</b>
<ul style="list-style-type: none"><li>• Built the Infra-Platform team from scratch and worked on projects in-take pipeline.</li><li>• Defined all projects and worked on quarterly project planning.</li><li>• <b>Protection of User PII Data:</b> Defined, identified and documented all PII data in the system. Created a pipeline to automatically create an anonymised database during database backup job.</li><li>• <b>Payments Refactoring:</b> Rewrote payments code from scratch by following SOLID design patterns with the capability of easily adding any number of payment gateways.</li><li>• <b>AWS to GCP Migration:</b> Dockerised our main Django app to move to Kubernetes. Further, created deployment configs to deploy all frontend repositories to GAE. Also created a custom deployment script in bash for the same.</li><li>• <b>Domain Driven Design:</b> Created the first draft of Bounded Contexts and Ubiquitous Language documents. Added demo code to showcase DDD driven apps in Django.</li></ul>		
<b>Software Engineer</b>	<b>Springboard</b> Bengaluru, India	<b>Jun 2016 – Apr 2018</b>
<ul style="list-style-type: none"><li>• <b>Third-Party Integration Clients:</b> Wrote multiple clients in Python that interacted with services like Marketo, Practice Labs, Drip, Delighted and Heap.</li><li>• <b>NPS Survey System:</b> Designed and implemented the NPS survey system that interacted with Delighted to send out surveys to students and mentors automatically.</li><li>• <b>Referral System:</b> Designed and implemented the referral system for students and mentors.</li><li>• <b>Status Changes Lifecycle:</b> Designed and implemented the status change lifecycle for students.</li></ul>		

## Education and Certifications

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| • <b>B.Tech. Computer Engineering,</b> Jamia Millia Islamia, New Delhi, India. | <b>2012–2016</b> |
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## Technologies and Languages

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| • Languages:    | Python, Bash                      |
| • Technologies: | MySQL, GCP, Kubernetes, Helm, Git |