Alok

https://www.linkedin.com/in/alok92/

Email : alokc24@gmail.com
Mobile : +91-91761-45275

EDUCATION

- **Lingaya's University**   Faridabad, India
  Bachelor of Engineering in Computer Science; CGPA: 6.9   *April. 2010 – March. 2014*

EXPERIENCE

- **Flipkart**   Bangalore
  Senior Site Reliability Engineer   *Dec 2022 - Present*
  - **Event Driven Automation**: Lead a team of interns with FTEs & onboarded, introduced Stackstorm in Flipkart. The event driven automation support made our alerts smarter & the cookbooks reduced the manual work of teams by 65%.
  - **VM Service Catalog**: Service Catalog for VM-based stateful systems. Using saltstack in the background to gather all the grains, this system is scalable enough to manage tens of thousands of servers, and fast enough to communicate with each system in seconds. Created a service catalog & run chaos experiments on the VMs.

- **Yugabyte**   Bangalore
  Site Reliability Engineer   *June 2022 - Dec 2022*
  - **Secret Management**: Built a secret management tool & led the migration of org wide secrets from a previously used unstable tool moving more than 80% of the org secrets.
  - **Test Coverage**: Drove an org wide exercise to increase the test coverage & linting of the codebase from 19% before to 65%.

- **Arcesium**   Bangalore
  Reliability Engineering Lead   *Mar 2021 - June 2022*
  - **Hiring and Training**: Hired, trained & managed a team of 8 highly skillful SREs, building a strong base of engineers.
  - **Incident Management Bot**: Built, with a team of 3, an Incident Management bot using Opsdroid which got up to 100% adoption within 4 months of launching & reduced the manual work of the team by more than 70%
  - **SLI/SLO**: Started & lead the org wide practice of SLI & SLO creation & were successful with 30% teams in the first phase of 90 days. Also helped teams build their monitoring around it.

- **Expedia**   Gurgaon/Bangalore
  Software Development Engineer/Lead Devops Engineer   *Oct 2015 - Oct 2020*
  - **Sponsored Listing**: Built an ad product from scratch [Sponsored listing] using Web Components which was getting the highest number of impressions at one point with an above industry average conversion rate.
  - **Logging & Monitoring Framework**: Led a team of 5 contractors & FTEs to design & build an end to end logging plus monitoring framework which helped us identify the seasonality of our ads sales, monitor the golden signals, figure out issues in realtime helping save the org thousands of dollars overtime.
  - **Operations to Devops transition**: Technical Lead for a team of 10 operations analysts & mentored them to become successful devops engineers.
  - **Change Management System**: Designed and created a change management system which logs approximately more than 90% changes on Expedia platform to ServiceNow.
  - **Notification Delivery Platform**: Developed a notification delivery platform in collaboration with another team which was integrated to org wide CI/CD pipelines as the standard.

- **TCS**   Chennai
  Systems Engineer   *Sep 2014 - Sep 2015*
  - **Bill Generator**: Created windows based UI for users to work on risk files, updating databases & generating billing information for Auto Insurance which removed the human errors completely

- **Airtkt**   Delhi
  Web Developer   *Feb 2014 - Aug 2014*
  - **Search Filters & Notifications**: Added flight search filters to Airtkt.com for better customer experience & built a near realtime notification service for the support team

Projects

- **T-Rex**: My own version of the Chrome T-rex game.
- **Tweetcheat**: Using Tweepy, Tweetcheat parses tweets containing certain texts and then retweets/favorites them to win gifts/coupons

Technical Skills

Languages: Python, JavaScript, HTML/CSS
Frameworks: Node.js, Flask
Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, VIM
Cloud Providers: AWS, GCP
Databases: MySQL, Postgres, Mongo
Monitoring Tools: Catchpoint, Datadog, Grafana, Prometheus, Splunk
CI/CD: Jenkins, Ansible, Terraform, CloudFormation
Virtualization Tools: Docker, Kubernetes
Other Tools/Services: ServiceNow, Saltstack, Stackstorm