

# Ankit Pati

Hyderabad, India

[contact@ankitpati.in](mailto:contact@ankitpati.in) | +91 88050 62938 | [github.com/ankitpati](https://github.com/ankitpati)

## Objective

As a backend engineer with seven years of professional experience, I seek a role that uses and expands my abilities to comprehend, design, and code production systems at scale, to deliver tangible outcomes and improvements.

## Summary of Skills

- Backend Technologies (Perl, Python, Java, Mojolicious)
- Frontend Technologies (HTML, JavaScript, CSS, Ember.js, Materialize)
- Linux (RedHat, SUSE, Debian, & derivatives)
- Databases (MySQL, MariaDB, PostgreSQL, Oracle, Redis)
- Cloud Infrastructure (Terraform, Helm, Kubernetes, Istio)
- Pipelines (Argo Workflows, YAML-based pipelines)
- Queues (RabbitMQ, Amazon SQS, Celery)
- Security (Network, OS, AppSec, OpSec)
- Version Control (Git, Perforce)
- Testing (Unit testing, Functional testing)

## Professional Experience

### Salesforce

Senior Member of Technical Staff

Hyderabad, India

October 2021 to present

- Python & Java backends & APIs for CI/CD of the Salesforce monolith
- Legacy Python 2 & Java 8 code modernisation
- Squid-based access-control proxy for cloud buckets
- TLS & mTLS certificate issuance automation
- Documentation & handoff of repetitive tasks to ops teams
- Mentoring new engineers & interns
- Led engineers from multiple teams on:
  - CentOS 7 to RHEL 9 upgrades for VMs & container images
  - Zero-downtime Kubernetes & Istio upgrades
  - Terraform-based provisioning & upgrades of cloud infra

**Comscore****Pune, India**

Full Stack Engineer 2

January 2021 to October 2021

- Development of reports & features in Perl & Ember.js
- Introduction of new CPAN modules & testing methods to the team
- Identification & mitigation of security issues
- Schema changes for better integrity & performance.

**Samsung****Bengaluru, India**

Senior Engineer

December 2019 to December 2020

- Development of Android widgets, layouts, & other UI elements
- Modernisation of Camera app via GLView to Android View conversion
- Introduction of new testing tools to the team
- Instrumented & non-instrumented testing of the Camera app
- Perl scripts to automate selective bulk cherry-picking in Git

**Broadcom Symantec****Pune, India**

R&amp;D Software Engineer

January 2017 to June 2017

April 2018 to December 2019

- Coverage testing & test tooling for a large Perl codebase
- OS migration from CentOS 5 to 6 to 7, helped by tests
- Database migration from Oracle to Amazon Aurora (MySQL)
- Perl scripts to find & fix schema differences between Oracle & MySQL
- Nagios-based custom monitoring system in Perl for end-user boxes

**Volunteer Experience****Symbiosis Institute of Technology****Pune, India**

Visiting Faculty / Buddy Teacher

March 2016 to present

- Teaching coding in Python & C; Cybersecurity, Usable Security, etc
- Served as Department Mentor for Cybersecurity
- Served as Industry Expert from Symantec

**GitHub & Launchpad**

Open-Source Contributor

**Pune, India**

October 2016 to present

- [Ubuntu](#)
- [Geany Text Editor](#)
- [HTML : :Packer](#)
- [Net : :DNS : :Native](#)
- [StevenBlack Hosts](#)
- [Starlark in Go](#) (under [github.com/google](https://github.com/google))

**Highest Educational Qualification****Symbiosis Institute of Technology**

B. Tech. (Information Technology)

**Pune, India**

August 2014 to May 2018

- CGPA: 3.664 out of 4.000
- Topper in Industry Internship

**Achievements**

- Samsung Software Competency Test (Professional Certified)
- Multiple WOW Awards at Symantec (Going Above & Beyond)
- Qualified GATE 2018 (All-India Rank 6977)
- National Cyber/Science Olympiads (many single-digit ranks, lowest 2)