

KARAN PITTIE

Hyderabad, Telangana

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Experience

Netskope Software India Private Limited

November 2022 – Present

Senior Software Engineer

Hyderabad, Telangana

- Designed and developed the framework responsible for the detection of compromised credentials which can identify if the same user credentials are being used by multiple distinct users.
- Built the CI/CD development pipeline from the ground up for the existing product for the team which would be responsible for automatic build generation and version control using Github actions.
- Worked on improving the unit test coverage of the legacy code modules by approximately 400%.

Arcesium India Private Limited

June 2020 – September 2022

Engineering Lead

Hyderabad, Telangana

- Developed a web-based SaaS application from the ground up capable of generating on-demand summary reports denoting performance fees, management fees, and dividend metrics for top-level management determining the profit and loss incurred on various hedge fund entities. The application significantly reduced the invaluable man-hours spent in generating these reports.
- Designed the business logic and technical approach to solve critical computational metrics of performance fees which determines the capital investors would receive based on the capital invested and capital allocation which outlines the split of capital among different business units responsible for trading.
- Ranked among the top 10%ile performers among all the peers working in my business unit.

Netskope Software India Private Limited

January 2017 – May 2020

Member of Technical Staff - 3

Bengaluru, Karnataka

- Implemented a web application capable of detecting sensitive content present in data uploaded on cloud-based service providers like AWS, Azure, OneDrive, and Sharepoint using near-real-time user-defined policy enforcement.
- Worked on redesigning the existing monolith architecture to a distributed and modular architecture which helped in scaling the system to be able to scan data in the order of petabytes from terabytes.
- Built and designed a feature from scratch capable of scanning and analyzing the security posture of cloud-based accounts in IaaS applications like AWS, Azure, and GCP with the capacity to analyze up to 1M cloud resources.
- Contributed notably to the development of a tracer capable of determining the activities performed by cloud application users thereby providing a birds-eye view of the events ensuing in the cloud application.
- Awarded the most valuable contributor award for outstanding contributions to the company's efforts in the year 2019.

Doers Guild Software India Private Limited

December 2016

Intern

Hyderabad, Telangana

- Assisted in the development of a command-line-based framework capable of generating code required to build a complete e-commerce web application.
- The framework is capable of generating the code required to run an end-to-end website in the span of a couple of minutes using a templating engine.

Education

Vellore Institute of Technology

June 2013 – May 2017

Bachelor of Technology in Computer Science and Engineering (9.3/10)

Vellore, Tamil Nadu

Projects

Cloud Resource Visualization | *Python, Neo4J*

January 2019

- Developed an application capable of helping end-users graphically visualize their cloud-based resources like S3 buckets in AWS, Storage Accounts in Azure, etc. using graph-based database.
- Application would help a user understand their cloud resource more effectively thereby help in highlighting any potential flaws related to the resource.

Technical Skills

Languages: Python, Kotlin, SQL

Databases: MongoDB, PostgreSQL, Redis

Technologies: Kafka, Docker, AWS, Azure, Jenkins, GitHub