

Akash Anand

Senior Principal Security Architect

Address Bangalore, 562149

LinkedIn <https://www.linkedin.com/in/akashanand-/>

Phone 9040434795

E-mail akashanand5493@gmail.com

Software developer turned to Security Architect and penetration tester, with 7+ years experience. Focusing on Security Architecture, Ethical Hacking, Offensive & Defensive Security and Operations with an in-depth understanding of exploitation and leveraging vulnerabilities.

Work History

2023-03 - Current

Senior Principal Security Architect

NotSoSecure part of Claranet India Pvt Ltd.

- Managing a Team of 8+ superheroes; providing expert-level technical peer review for application security and cloud security issues, coaching and guidance on methodologies, tactics, processes and findings
- Driving security engineering engagements with a high degree of Engineering satisfaction and through org-wide communication strategy.
- Working closely with Cloud Security team to develop the security posture of the client.
- Continuing with individual contributor work with Claranet's premier client.

2021-09 – 2023-02

Principal Security Architect

NotSoSecure part of Claranet India Pvt Ltd.

- Working as an Application and Cloud Security Architect for one of Claranet's premier client helping them to setup a Product Security team riding on the "Shift Left" paradigm.
- Conduct Cloud architecture reviews, threat Modelling, design reviews, code review on web and web services as and when required.
- Interpret results from exercises such as code review and penetration testing stakeholders and advise on remediation and mitigation as well as incorporate learnings into future designs.
- Develop documentation, and a knowledge base to be used by developers for implementing Secure coding practices
- Provide recommendations for missing application security controls and secure design patterns.
- Develop and maintain strong working relationship with development teams, leadership, and Product owners.

2018-06 - 2021-09

Security Engineer - II

VMware Software India Pvt. Ltd, Bengaluru, Karnataka

- Works on finding Attack vectors and Pentesting for products of VMware.
- Works with developers and architects on design, configuration and implementation of new products/features with respect to security standards.
- Follows and Implements all security configuration management processes and suggests improvement as developers pertain to their work.
- Develop secure code practices and provides hands on training to different development teams across VMware.
- Works on creating CTF questions for organizing any security hackathon globally at VMware.
- Thorough working knowledge of ethical Hacking tools (eg. Kali Linux, Nessus, Nmap, Burp Suite, Metasploit, Nessus, Fortify and many more).
- Performed threat modelling and review software design from security perspective to reduce customer facing bugs in production by 18% this year.

2017-05 - 2018-05

Member of Technical Staff - 1

VMware Software India Pvt. Ltd, Pune, Maharashtra

- Co-authored POC for AI chat-bot to make NSX-T CRUD operations simpler using api.ai.
- Contributed to making NSX-V UI compliant with VMware's unity and clarity design pattern
- Re-writing NSX-V Flex application to Angular based application
- Support Bundle, Packet Capture, Security Tags, IP Pools, IP Sets.
- Appliance management - one-click upgrade and CPU analytics dashboard.
- Contributed to modules like Grouping, Fabric and Upgrade Co-ordinator.
- Helped in porting ExtJS code to Angular.
- End-to-end development of Upgrade Co-ordinator and Backup/Restore modules.
- Created component library(Global Search) that is used across NSBU UI products like NSX-V, PACE, NSXi.

2016-09 - 2017-03

Intern

VMware Software India Pvt. Ltd, Pune, Maharashtra

Data Analytics Engine for NSX

- Elastic Search - to get query from search framework
- Performed comparison of Elastic Search query with VMware Arkin product LogInsight

Education

2013-05 - 2017-04

Bachelor of Engineering: Computer Science And Engineering

KIIT University - Bhubaneswar

- Graduated with 9.2 CGPA

Certifications

2021-11

Certified Kubernetes Administrator (**CKA**)

2022-01

AWS Certified Developer - Associate

2022-04

AWS Certified Security – Specialty

2022-10

Certified Kubernetes Security Speciality (**CKS**)

2022-09

Azure Administrator Associate

2022-10

Azure Security Engineer Associate

2022-11

Azure Solutions Architect Expert

2024-09

CISSP Ongoing (Tentative Sept)