

Akash Panchal

Software Development Engineer

Software engineer with 6+ years of experience in designing, implementing and debugging backend software components, cloud services and Mobile SDKs in an Agile environment. Developed products primarily using Python, Java and AWS services. Excited to learn new languages, frameworks and platforms.

Work History

- 2021-10
- present

Software Development Engineer 2 - Amazon Appstore
Amazon
 - Design and implemented window manipulation for Automatic testing of Android Apps on Windows, around 200K apps will be tested using the same.
 - Improved UX for promotion portal on App store retail page and Developer portal
 - Optimised the queries and data retrieval time for App details by 50%
 - Mentored an intern and contributed in project planning in Agile
- 2018-12
- 2021-07

Backend Software Engineer - Secure Home Platform
McAfee

Working as a Backend Software Engineer to provide custom SHP solution to an ISP partner.

 - Decreased the DB storage and Network calls up to 40% for a Router API by optimizing data flow design.
 - Fixed the critical subscription failure cases that led to DDOS-like attacks from routers.
- 2017-11
- 2018-12

Android Software Engineer - Safe Connect
McAfee

Android SDK and App developer for the VPN client App - Safe Connect

 - Implemented a VPN SDK wrapper for the partner Apps and core App to consume
 - Developed custom Network state-machine to support Auto-start VPN and Activity-log features
- 2016-06
- 2017-10

Backend Software Engineer - Mobile Apps Scanner
McAfee
 - Achieved higher throughput of the app scanners by slashing repeat scanning of the Android Apps up to 5000 per day.
 - Designed and Implemented a pipe-filter service to process APK data using pluggable codes.

Side Projects

- 2021-07

Webpage Summarization
<https://github.com/akashp1712/summarize-webpage>
- 2021-07

Python cheat sheets
<https://github.com/akashp1712/awesome-python-cheatsheets>

Personal Info

- Website**
<https://akashpanchal.com>
- Email**
akashp1712@gmail.com
- Phone**
+91 8722513026
- LinkedIn**
<https://linkedin.com/in/akashpanchal>
- GitHub**
<https://github.com/akashp1712>
- Address**
A4, 4th cross, Bellandur main road,
Bellandur, Bengaluru - 560103
- Medium**
<https://akashp1712.medium.com>

Skills

- Python

★★★★★
- Java

★★★★★
- AWS

★★★★★
- Data Structures & Algorithms

★★★★★
- ReactJS

★★★★★

Education

- 2014-07 - 2016-05
- Computer Science, M.Tech**
Nirma University, Ahmedabad