

AVNISH KUMAR

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Education

Lovely Professional University | Punjab , India

2018 - 2022

- B.tech (CSE) | CGPA: **8.6**

A.B.S college

2015 - 2017

- BSEB (Class XII), Aggregate: **74.2 %**

St Paul's High School

2014 - 2015

- CBSE (Class X), CGPA: **10**

Skills

Java | Appium| Rest-Assured | Selenium | JavaScript | TypeScript | NodeJS | React JS | MongoDB | PostgreSQL| MySQL | Git | Docker | Kubernetes | Jenkins CI/CD Pipeline | Generative AI | Data Structure and Algorithm

Work Experience

ACKO | SDET-1 Engineer

Jun'22 - Present

1. Mobile App Framework Development : Design a common framework for the **Central App team** , which is used across Acko among all the LOB for Automating their use case. It has capabilities of both **Flutter Driver and UiAutomator2 Driver** , which support native Android and Flutter components.

2. Automation of Mobile , Web and Backend API : Mobile App Automation using a distributed system, which involves **Katalon Studio** for rapidly changing UI components and **UiAutomator2** driver for static UI pages . Along with this, **Web UI** automation and **Backend API (Recurring Payment)** automation together involve over **800 test cases**.

3. Automation Dashboard : Created a user-friendly, easy-to-read, and maintained **QA-One Automation Dashboard** that **serves as a centralized test hub**, offering invaluable insights into the overall health and efficacy of automation coverage across diverse services within Acko.

4. In House Mobile Device Lab : As replacement of **BrowserStack** for running our Automation suites remotely for device sharing and for **parallel test execution** using Appium's distributed setup, execute **mobile automation scripts** seamlessly through Jenkins, execute test cases concurrently, **complete control** over the testing environment ,**easily scalable** to accommodate new devices.

5. Mocking of External Third Party Services (DA) : Implemented mocks for **Data Aggregator external services** which **often demonstrate instability** within our UAT environment, causing **testing obstacles** for our LOB teams. Additionally, due to the lack of control over these external services comprehensive testing of negative and edge cases, such as timeouts, altered API responses, and delayed responses, becomes infeasible.

ACKO | SDET Intern

Aug'21 - May'22

- Automated all the test cases related to the Android platform.
- Handle Functional and Automation requirements for **Android & iOS**.

CODING NINJA | Teaching Assistant

May'21- July'21

- Solved **300+ Doubts** Questions related to Data Structure and Algorithm