

# SHAUNAK DIXIT

SOFTWARE ENGINEER

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## SUMMARY

With 5 years in software engineering, I specialize in backend development, contributing significantly to projects at Uber, Flipkart, and Samsung. My focus includes microservice architecture and distributed systems.

## EDUCATION

### Thapar Institute of Engineering and Technology

Jan. 2015 - June 2019

Bachelor of Engineering Software Engineering

CGPA : 8.26/10

### Humber Institute of Technology and Advanced Learning

Sept. 2023 - Current

Certificate of Achievement Web Design and Development

## EMPLOYMENT

### Uber, *Software Engineer II*, Bengaluru, India

Sept. 2022 - Jan. 2024

As part of the Uber IAM Team, I worked on the Uber single sign-on service. I contributed to various projects, including SSO key rotation, IDP fallback flow, and device trust. These experiences helped me gain knowledge about identity access and management.

Exposure: Go, IAM, Python

### Flipkart, *Software Development Engineer I*, Bengaluru, India

Apr. 2021 - Aug. 2022

I worked on the end-to-end design(High-level and Low-level Design) of a new microservice(BBPS) under Fin-Tech and Payment Group

Also had ownership of Payments transaction flow for a Project("FSUP")

As well as, I have the responsibility to maintain and check existing Microservices

Exposure: Java, Spring Boot, SQL, Kafka, ORM, Hystrix

### Ixigo (Le Travenues), *Senior Software Engineer I*, Gurugram, India

Sept. 2020 - Mar. 2021

As a part of the Platform team, I led the development of the new features for the Customer Support portal and reduced the turnaround time for issue resolution by 20%. Gained experience in designing clean, maintainable, and consumable RESTful APIs

Exposure: Spring Boot, MongoDB, Java(8), Kafka

### Samsung India Electronics, *Engineer I*, Noida, India

June 2019 - Sept. 2020

I was part of the Android System Framework Team mainly worked on S-ZIP(an app used for zipping and unzipping rarely used apps) solution and Privacy Mode Solution

Exposure: Android System Framework, C++

### Samsung India Electronics, *Software Engineer Intern*, Noida, India

Jan. 2019 - May 2019

I was part of System Framework Team and mainly worked on Input Framework and Low Power Module of Android.

Exposure: Android Development, Android Input Framework, Java

## SKILLS

**PROGRAMMING LANGUAGES:** Java, C++, Python (Basic), Ruby, SQL

**TECHNICAL SKILLS:** Data Structures, Algorithms, Operating System

**TOOLS KNOWLEDGE:** IntelliJ, Postman, MySQL WorkBench, Git

**TECHNOLOGIES:** Spring Boot, Kafka, Kubernetes, Go, Ruby, Ruby on Rails, React, JOOQ, Hibernate, Hystrix

## PROJECTS

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### Device Trust

July 2023 - Nov. 2023

I worked on enforcing 100% device trust for all incoming requests from unmanaged devices.

Exposure: Go, Nginx, Python

### Onelogin Fallback flow

Feb. 2023 - May 2023

Implemented a fallback flow for IDP (OneLogin), which can be used when there is an outage on the OneLogin side. Users can log in to the internal system using this flow.

Exposure: Go, React.

### SSO Key Rotation

Oct. 2022 - Jan. 2023

Successfully implemented a solution to rotate keys for signing and verifying tokens.

Exposure: Go, Lua

### Bharat Bill Payment Service (BBPS)

Jan. 2022 - July 2022

I designed and implemented Rest APIs for Bharat Bill Payment Service (BBPS), enabling users to fetch and pay utility bills through a new microservice. My work involved project architecture, design, and utilization of technologies like Spring Boot, JOOQ, Hibernate, Kafka, and Java.

### FSUP

June 2021 - Sept. 2021

I worked on the Flipkart Smart Upgrade Plan, which allows users to use the Buy Now, Pay Later (BNPL) limit to purchase a new phone.

Exposure: Java, Dropwizard, Hibernate."

### OneView

Sept. 2020 - Feb. 2021

I developed APIs for OneView, a unified platform for managing flights, trains, and bus bookings. My work involved using Spring Boot, MongoDB, Hibernate, and Kafka to enhance customer issue resolution.

### Privacy Mode

Feb. 2020 - July 2020

I worked on an idea at Samsung Noida Technovate, selected from 2000 submissions. It's about auto-hiding private photos and notifications when users share their phones. It connects the Android Application Layer to the Framework Layer, employing Firebase for face detection and recognition in app development.

### S-ZIP Solution

July 2019 - Jan. 2020

I worked on this Samsung feature that compresses rarely used apps and data on low-storage devices, creating space for other applications. This solution has been launched in the African and APAC regions.

Use of C++ and Android System Framework.

## AWARDS

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I received the highest rating in the year-end performance for successfully handling the FSUP project. - *Flipkart*

Got 2023 Security and Privacy Award for Device trust project - *Uber*

Got Spot award for completing project before deadline - *Samsung*

Privacy Mode Project got selected in Top Ideas of Samsung Noida Technovate Competition. - *Samsung*

Highest Rating on Codechef is 1857 and Codeforces is 1505

First Prize in Reverse Coding Event by OWASP Club of Thapar University

## INTEREST

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Badminton, Carrom, MOBA Gaming, Swimming