

NISHIT ATTREY

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EDUCATION

National Institute of Technology Hamirpur

Bachelor of Technology in Computer Science and Engineering; CGPA: 9.28 / 10

Hamirpur, Himachal Pradesh, India

July 2018 - July 2022

SKILLS

Programming Languages: C++, Python, Kotlin, Golang, Java, TypeScript, Swift, PHP

Technologies: Distributed Systems, Postgres, Redis, RabbitMQ, GraphQL, gRPC, AWS, FastAPI

Operating Systems: Linux/Unix, Windows

WORK EXPERIENCE

Meta

Software Engineer - Infra Core

London, UK

June 2024 - Present

- Part of the Core Infra team to enhance user and regulator confidence in Meta products
- Worked on Building **GenAI framework** for Purpose Limitation, ensuring data is used as intended and improving data consumption decisions times from **days to 1 hour**
- Built **Governance Infra** that processes over **1.1 billion** data artifacts in real-time, restricting sensitive data consumption across Meta product teams
- Led development of a GenAI agent to automate annotation for cross-Meta app data flow remediation, improving productivity for **80+** engineers and saving **1,000+ hours**
- Reduced Hack stack trace processing latency by **81%** that allows teams to make quick data consumption decisions
- Mentored a junior engineer and an intern, providing structured growth guidance; intern received a return offer
- Used **C++, Python, Hack, React, Thrift(RPC)** and internal tools for development

Amazon

Software Engineer - Rufus

London, UK

Sep 2022 - June 2024

- Worked as a part of Endpoint team to build Generative AI shopping experience **Rufus**
- Implemented a new SDK based on Kotlin Multiplatform to integrate new Voice Experience for **Rufus** in the Amazon app using **Kotlin** and **Swift**, enabling a **45%** code share between Android and iOS
- Worked on a new Backend Voice Streaming Service that processes every voice interaction to Voice Recognition Backend Service using **Kotlin** and **Native AWS**
- Designed interaction reporting for the mobile platform (both iOS & Android) to facilitate a smooth onboarding experience for users transitioning to the voice search feature
- Worked on launching Minerva Campaign that facilitate Cloudwatch integration of our Backend services ensuring a scalable metrics infrastructure and operational excellence
- Techstack : **Kotlin, C++, Java, Python, AWS** and internal tools for development

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Software Engineering Intern - Payment

Bangalore, India

Jan 2022 - April 2022

- Interned as a part of Backend Development team on Deposit Service
- Worked on developing Interest credit notification service which processes over **200K+** requests per day
- Developed Preclosure feedback service using **golang** to fetch feedback on transaction
- Used **Golang, gRPC, CockroachDB** and **typeScript** for implementing Pipeline and other small services

Google

Software Engineering Intern - Sheet Intelligence

Bangalore, India

May 2021 - July 2021

- Interned as a part of the Intelligence team in Google Cloud
- Enhanced Google Sheets formula debugging with **Java, C++** and **gRPCs** for step-by-step highlighting
- Worked on building a UI that displays the stack trace of a formula being debugged using **Soy & JavaScript**
- Used **C++, Java, JavaScript, gRPCs** and Google's Internal tools for implementing formula debuggability in Sheets

ACHIEVEMENTS

- **2020 ICPC Gwalior-Pune Regional Round:** Ranked **13th** out of 512 teams

- **2020 ICPC Amritapuri Preliminary Round:** Ranked **43rd** out of 3505 teams

- Ranked **50th** globally (3rd in India) out of 15084 participants in Codeforces Round 728 (Div. 2)

- Ranked **36th** globally (28th in India) out of 7000 participants in August Cook-Off Challenge