SANKET SINGH

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PROFESSIONAL EXPERIENCE

Software Development Engineer
Google

📅 June 2021 - Present   📍 Bengaluru,India

- Full stack engineer (Flutter, gRPC, and Java) working on the GPay mobile application.
- Successfully reduced business decline of the GPay application from 8% to 5.9%, impacting over 30M transactions.
- Contributed to the de-registration flow of UPI Lite, enhancing user experience and reducing churn rate. Prepared UPI Lite balance features using pub-sub design to update balance on multiple event on GPay home screen.
- Implemented features to improve accessibility (a11y) across the GPay application, ensuring a seamless experience for all users.
- Worked on multiple compliance features including resolution of QR payment flow issues for merchant QR payments which resolved payments from more than 40K QRs.

Software Development Engineer
LinkedIn

📅 July 2020 - June 2021   📍 Bengaluru,India

- Contributed to the LinkedIn Enterprise Provisioning Application, utilizing Java (Rest.Li) and EmberJS to enhance provisioning workflows and improve overall system performance.
- Played a crucial role in the successful migration of LinkedIn Sales Service (LSS) to Unified Provisioning Platform (UPP), implementing features such as pre-ordering, robust system and business logic failure handling, provision monitoring and recovery lifecycle, and Grant of LSS products via CAP (Corp Account Portal).
- Led the development of a provisioning workflow for LinkedIn Learning Service (LLS), integrating with SFDC and Dynamics. Implemented enhancements, including handling use cases such as cancellation before grant, adding new REST.Li endpoints for accounts with Lynda migration status, and effectively addressing case creation failure alerts.
- Significantly optimized the Job Slot product's admin REST.Li APIs, allowing for efficient management of granted and remaining allocations. This improvement resulted in a remarkable reduction in on-call Job Slot debugging time, from 3 days to less than an hour.

Software Engineer
InterviewBit / Scaler

📅 August 2019 - June 2020   📍 Bengaluru,India

- Automated the segregation of mock and real interview problems using the GDrive API. Created a comprehensive database of recent problems from 212 companies, streamlining interview preparation.
- Implemented react-based features for the Refraph Mentor Panel, increasing distinct referral counts to 989. Achieved an impressive referral conversion rate improvement from 9.3% to 78.0%.

ACHIEVEMENTS

- First position in Codechef Long Challenge among 15000+ participants worldwide.
- 95 percentile with 6 star rating on Hackerrank
- Secured Rank 3 in Infosys Digital Make-a-thon

OPEN SOURCE CONTRIBUTIONS

- Selected for Google Summer of Code (GSoC under the mentorship of Berkman Klein Center at Harvard University, working on the Question Tool application based on MeteorJS.
- Implemented CRUD features for Questions and instances, and developed additional features including PDF archive download for question summaries and a highlight feature using WebSocket integration with Streamy module in MeteorJS.

CONFERENCE TALKS / PRESENTATIONS

- Pycon Italia 2022 (Italy) - Python and gRPC
- Euro Python 2022 (UK) - Python and gRPC
- NDC 2022 (Melbourne) - Scaling Microservices with gRPC & Kubernetes
- React Nexus 2023 (India) - React profiles and performance optimisation

PROJECTS

LiveCodeShare - Node.JS
- Web app to support Live Code sharing & chatting feature

MultiNote - Ruby On Rails
- Web Application to make notes using image upload with markdown feature

Twitch Clone - React.JS
- Web App similar to that of Twitch which uses OBS to stream a video session

PROFILES

- Codechef: curio
- Hackerrank: singhsanket143
- Blog

SKILLS

C++, JavaScript, Java (Core), NodeJS, ReactJS, MySQL

EDUCATION

B.Tech - Computer Science (2016-2020)

Guru Gobind Singh Indraprastha University

📅   CGPA: 8.79