

Huzaifa Mankda

SOFTWARE ENGINEER II · GOOGLE · SEARCH SPORTS VERTICAL

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Experience

Google

Bengaluru, IN

SOFTWARE ENGINEER II

Aug. 2020 - Present

- Build high impacting 1P sports features on Google Search and Assistant.
- Pioneered first sports UGC(User Generated Content) feature on Google search. This became stepping stone for more UGC efforts on Google Search.
- Developed multiple features and did quality/ranking enhancement for the Paralympics, and Summer and Winter Olympics. Nearly 2.8 billion impressions on search and 5.2 million impressions on assistant.
- Enhanced user experience for popular sports events on search and assistant by giving detailed context about the event. This led to 0.6 million impression increase for superbowl.
- Improved the reliability of understanding user intent for various sports event. Improved triggering by 13% for superbowl.
- Lead a team of 4 Eng. for FIFA World Cup 2022 related efforts on Discover.
- Lead a team of 10 Eng. to drive Code Quality improvement effort of entire Search Vertical codebase.

Amazon

Bengaluru, IN

SOFTWARE DEVELOPMENT ENGINEER INTERN

Jan. 2020 - July, 2020

- Created a Version Diff feature on FCStowportal Rule Engine.
- Creating HTTPS endpoint on production pipeline of AFTMoveApp for externalising it.
- Threat-model analysis of Case-Stow for Anvil security certification.
- Prevented Predicant App from outage due to excessive retries.

Projects

Sports Athlete Ratings

Bengaluru, IN

UGC FEATURE ON GOOGLE SEARCH

- Developed the first UGC sports feature on Google search.
- This feature allowed users to rate an athletes performance in a given match scope.
- Got more than 100K ratings from users for many matches on 10% traffic.
- Designed a system to manage aggregated ratings without retaining user data forever.
- Expecting a ratings in order of millions for matches like World cup finals.

Sports Bubbles

Bengaluru, IN

EML | xUIKIT

- Bubbles are always on top pieces of UI with more than 5 million daily active users.
- Revamped this feature to reduce the amount of bytes transferred between client and server by more than 20%.
- Optimized resource utilization by designing one of a kind polling module for live updates.

FCStow Portal Rule Engine Version Diff

Bengaluru, IN

AWS | MICRO SERVICES | SPRING MVC

- Developed a system to compare configuration versions of the audit feature of the warehouse to while switching between versions.
- This system prevents outages caused by human error while changing configurations.

Education

Stanford University

Remote

SCPD NON-DEGREE OPTION | 4.0 GPA

Sept. 2021 - Dec. 2021

- CS242 Programming Languages by Prof. Alex Aiken; a masters level course to understand mathematical modelling of various language constructs.

Dharmsinh Desai University

Nadiad, IN

B.TECH COMPUTER ENGINEERING | 9.28 CPI

Sept. 2016 - May, 2020

- Coursework: Design and Analysis of Algorithms, Advanced Algorithms, Software Engineering, Object Oriented Software Engineering, Operating Systems, Computer Networks, Service Oriented Architecture, Database Management Systems, Network Information and Security, Basics of Computer Architecture.

Achievements

- 2022 **Spot Award for Discover Monitoring**, Proactively monitoring LE metrics when discover product dashboard was down.
- 2022 **Spot Award for Dependable Teammate**, For going above and beyond to lead team in completing feature roadmap for FIFA worldcup using the expertise.
- 2022 **Peer Award for Guiding Finance Bubbles**, For guiding external team in their new project finance bubble in design and development with the expertise accuired from sports bubble.
- 2022 **Peer Award for Mentoring Soccer Launches**, Mentoring and supporting launch of 20 new Soccer league experiences on Google Search.
- 2022, 2021 **Award for contributing in Google Contests**, Instumental in organising Google CodeJam and Kickstart by performing various Eng activities.
- 2021 **Sport Award for Olympics 2020**, For going above and beyond in contributing to time critical Olympics 2020 experience on Search and Assistant.
- 2021 **Sport Award for Named Events**, For improving reliability of sports queries by 13%.
- 2019 **1st**, Barclays India Hackathon 2019 (Individual Event)
- 2019 **1000/1250 (CCDSAP)**, Codechef Certified Data Structures and Algorithms (CCDSAP) Advanced Level
- 2019 **27th Globally (10th in India)**, Codechef June Long Challenge 2019 Div.1
- 2019 **49th Globally (19th in India)**, Codechef August Long Challenge 2019 Div.1
- 2019 **71st Globally (out of 23450)**, Codeforces Round #572 Div 2
- 2019 **187th**, ACM-ICPC Amritapuri Regionals, 2019-2020
- 2019 **Expert (1859)**, Codeforces Highest Rating
- 2019 **6-Star (2270)**, Codechef Highest Rating
- 2019 **Problem Setter**, HackerEarth Data Structures and Algorithms October 2019

Skills

Programming C/C++, JAVA, EML, Python, JavaScript, TypeScript, MongoDB, MySQL, SpannerDB

Web Protobufs, gRpc, xBlend, xUIKit, Django in Python, Node.JS, REST Web-Services

Extracurricular Activity

DDU Connect - Official Tabloid of University(Now E-Tabloid)

Sept. 2016 - May 2019

NON-TECH EDITOR

- Being a part of Editorial Team, I got exposure to various Genre of writing including 'Technical' and 'Non-Technical' Articles.
- Get to meet and Interview eminent Personalities.
- Editorial Team is responsible for all the content of Tabloid
- I was Senior Editor from Mar, 2017 - Feb, 2018. NonTech Editor from Mar, 2018 - May, 2019.