

Huzaifa Mankda

SOFTWARE ENGINEER II · GOOGLE · CORE SEARCH TEAM

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“Work Hard until you turn a NOUN into VERB”

Education

Dharmsinh Desai University

Nadiad, IN

B.TECH COMPUTER ENGINEERING | 9.28 CPI

Sept. 2016 - May, 2020

- Undergraduate Courses include 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.

Ambuja Vidya Niketan

Ambujanagar, IN

GRAD.

June, 2004 - May, 2016

- Secured 95.6% in All India Senior Secondary Certificate Examination (AISSCE) 2016 - Class 12th.
- Received a Certificate of Merit from the Board for securing 10 CGPA in All India Secondary School Examination (AISSE) 2014 - Class 10th.

Experience

Google

Bengaluru, IN

SOFTWARE ENGINEER II

Aug. 2020 - Present

- Work on delivering live results and first-party sports experience to Search and Assistant users on Google Search.
- Improved speech output for recurring and popular sports events on Search and Assistant by providing detailed and more context around the event.
- Improved the reliability of understanding user intent for various sports events.
- Worked on developing the Paralympics, and Summer and Winter Olympics for users across the globe.

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 against blackout due to excessive retries.

Projects

Olympics

Bengaluru, IN

PROTOBUFS | C++ | JAVA

Dec.2020 - Sep.2021

- Developed Paralympics, and Summer and Winter Olympics experience on Google Search and Assistant.
- The experience was launched in 50 locales and had accessibility support.
- The experience served 4 Billion user queries during Tokyo Olympics.
- Worked on features like Medals QnA, Medals tally, where to watch etc.

FCStow Portal Rule Engine Version Diff

Bengaluru, IN

AWS | MICRO SERVICES | SPRING MVC

Jan.2020 - Jul.2020

- 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.
- Implemented as an independent API, thus decoupled from Rule Engine and reusable.

Semi-Automated Code Testing Environment

Nadiad, IN

SERVICE ORIENTED ARCHITECTURE | ASP.NET | WCF SERVICES

Jan.2018 - March.2019

- A tool that performs unit testing for standalone code or functions.
- A Service Oriented Architecture based tool that works on time based threshold and continuously checks the output of absolutely correct code and code that is being tested.
- The back-end Services can be consumed platform independently hence incorporating reusability and extensibility.
- Further Extension to project can include development in the field of code synthesis, or using data analytics to make test generation more intelligent instead of probabilistic.

Achievements

- 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**, Codeforces Round #572 Div 2
- 2019 **187th**, ACM-ICPC Amritapuri Regionals, 2019-2020
- 2019 **30th**, Barclays India Hackathon 2019 (Team Event)
- 2019 **65th**, 3 Address Code Nation by Johnson and Johnson (Qualified for India Finals)
- 2019 **Expert (1859)**, Codeforces Highest Rating
- 2019 **6-Star (2270)**, Codechef Highest Rating
- 2019 **238th Globally**, Google Kickstart Round D
- 2019 **452nd Globally**, Google Kickstart Round C
- 2019 **990th Globally**, Facebook HackerCup Round 2
- 2019 **Participation**, Made it to Google CodeJam Round 1
- 2019 **Problem Setter**, HackerEarth Data Structures and Algorithms October 2019
- 2019 **1st**, Codecrunch Coding Competition in Felicific (College Tech Fest)
- 2018 **40th Globally (14th in India)**, Codechef November Long Challenge 2018 Div.1
- 2018 **43rd Globally (21st in India)**, Codechef October Lunchtime 2018 Div.1
- 2018 **74th Globally (53rd in India)**, Codechef November Cookoff 2018 Div.1
- 2018 **750/750 (CCDSAP)**, Codechef Certified Data Structures and Algorithms (CCDSAP) Foundation Level
- 2018 **18th Globally**, Codechef May Long Challenge 2018 Div.2
- 2018 **Problem Setter**, Codechef December Long Challenge 2018 Div.1
- 2018 **Globally**, Been in top 150 for several competition on Codechef

Skills

- Programming** C/C++, JAVA, MySQL, Python, C#(Basics), JavaScript, TypeScript, MongoDB, Protobufs, gRpc
- Web** Django with Python, Express with Node.JS, REST Web-Services, Angular 6, ASP.NET, Entity Framework, HTML5, CSS, Bootstrap
- Tools** JetBrains IDEs (PyCharm, IntelliJ, ReSharper, WebStorm, CLion etc), Visual Studio

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.

CodeJam , Insilico 2K18

March, 2018

ORGANISING MEMBER AND PROBLEM SETTER

- Got an exposure to the Problem Setting Aspect of Competitive Coding.

Insilico 2K17

March, 2017

ORGANISING MEMBER

- Got exposure to Organize various Technical Event as a part of 'Insilico' Team.