

Huzaifa Mankda

STUDENT · COMPUTER ENGINEERING DEPT. · DHARMSINH DESAI UNIVERSITY

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Codechef: huzaifa242



Codeforces: huzaifa242

Education

Dharmsinh Desai University

Nadiad, IN

B.TECH COMPUTER ENGINEERING | 9.18 CPI

Sept. 2016 - May, 2020 (Expected)

- 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.
- Secured 10.0 CGPA in All India Secondary School Examination (AISSE) 2014 - Class 10th.
- Received a Certificate of Merit from the Board for 10.0 CGPA in class 10th.
- An active participant and winner of various Co-curricular as well as Sports activities.

Experience

Amazon

Bengaluru, IN

SOFTWARE DEVELOPMENT ENGINEER INTERN

Jan. 2020 - Present (ends in July, 2020)

- Enabled HTTPS on a production pipeline which was HTTP earlier. This helped achieve end to end security.
- Wrote Integration Test for various Services. Some of the services being related to UI.

Projects

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.
- This tool is completely based on Service Oriented Architecture and is designed with utmost loose coupling.
- This tool 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.
- Follows all the SOA principles.
- 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.

Stalkbook (A Website that Stalks Coders Profile from various Platform)

Nadiad, IN

ANGULAR 6 | NODE.JS WITH EXPRESS FRAMEWORK | MONGODB

Jul.2018 - Oct.2018

- Scrapped Profiles of registered coders from various platform using their coding handle.
- Used 'Puppeteer' and 'Cheerio' Library of Node.Js for scrapping.
- Fully responsive front-end using Angular 6
- Whole Scrapping Logic is backend 'API' using RESTful services

Employee Professional Activity Management System (EPAMS)

Nadiad, IN

ASP.NET | MVC APPLICATION | ENTITYFRAMEWORK

Sept.2018 - Oct.2018

- A portal for smooth interaction between HR Dept. and Employees of the Firm.
- Employees submit any new project or research they undertook or any workshop they attended etc with proof and HR personnel verifies and approves it.
- This solves a problem of authenticity of information in person's CV. Any firm can verify the Employees CV from their past Employer using this portal.
- This is an MVC application using EntityFramework(ORM Code First Approach).

An Airline Management System

Nadiad, IN

PYTHON AND DJANGO FRAMEWORK

Jan.2018 - Apr.2018

- A portal to facilitate Regular operation of an Airline Company.
- Deals with basic CRUD operation related to Adding/Updating Flights, Changing their Routes and their Live Status.
- A first hand Experience at making Website. The website provides very basic Functionality.

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
- 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
- 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
- 2018 **Problem Setter**, Codechef December Long Challenge 2018 Div.1
- 2019 **Problem Setter**, HackerEarth Data Structures and Algorithms October 2019
- 2019 **1st**, Codcrunch Coding Competition in Felicific (College Tech Fest)
- 2018 **Globally**, Been in top 150 for several competition on Codechef

Skills

Programming	C/C++, JAVA, MySQL, Python, C#(Basics), JavaScript, TypeScript, MongoDB
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

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.

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 Junior Editor from Sept, 2016 - Feb.2017. Senior Editor from March,2017 - Feb,2018. NonTech Editor from March,2018.