

# Hardik Bagada

COMPUTER ENGINEERING STUDENT

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## Education

### Dharmsinh Desai University

Nadiad, India

BACHELOR OF TECHNOLOGY IN COMPUTER ENGINEERING, CPI:8.31/10.0(TILL 6TH SEMESTER)

July 2017 - May 2021

- **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.

### Shree Swaminarayan Gurukul(Science Department)

Savarkundla, India

HSC - 12<sup>TH</sup> SCIENCE STREAM, SSC - 10<sup>TH</sup>

July 2014 - July 2017

- **Science Stream** - Main subjects includes Physics, Chemistry and Mathematics.
- Secured 82.20% in GSHSEB(Gujarat Secondary and Higher Secondary Education Board) - Class 12<sup>th</sup> Science.
- Secured 89.83% in GSHSEB(Gujarat Secondary and Higher Secondary Education Board) - Class 10<sup>th</sup>.
- Proactive and winner of quiz competitions and sport activities.

## Work Experience

### Developer Student Club DDU

Nadiad, India

(CORE TEAM MEMBER | HEAD OF WEB DEVELOPMENT TEAM) - PRESENT | WEB DEVELOPMENT TEAM MEMBER(TILL AUGUST'20)

March 2019 - PRESENT

- The Developer Student Clubs (DSC) program is a grassroots channel through which we provide development skills for students, towards employability. Spreading awareness about new technologies and guiding students.
- Conducted workshop on Progressive Web Applications(PWA) and Accelerated Mobile Pages(AMP).
- Hosted Webinar on GraphQL and its Architecture on June 2020.
- Worked with Dart's Flutter Framework and GSuite Essentials.

## Skills

**Programming** C, C++, Java, Python, C#, JavaScript, MySQL, Dart

**Web** Django/REST API, ASP.NET,Entity Framework, Hibernate, Angular, Express with Node.js, PHP, HTML5, CSS3, Bootstrap

**Tools** Linux Fundamental, Git, Docker, Azure, PyCharm, CLion, Visual Studio

**Non-Technical** Time Management, Empathy, Adaptability

## Projects

### File Explorer and Optimizer

FLUTTER | FILE-SYSTEM | DART

December 2019 - March 2020

- Android Application that manages file system and removes duplicate files using MD5 Hash.
- Users are able to see category-wise files (e.g. audio, documents, video...) using MIME type.
- Users can search files/folders by name and also dark mode is supported.

### E-Tourism

MEAN(MONGODB, EXPRESS, ANGULAR 8, NODE.JS) | JQUERY | PASSPORT.JS | DATATABLES

August 2019 - October 2019

- Users can easily search for travel agencies or tour guides.
- Fully Responsive Front-end using Angular 8, DataTables and provides smooth UI using jQuery.
- Backend with MongoDB, Express.js and Passport.js provides authentication.

### Student Academic Project Management and Performance Analysis

ASP.NET | MVC APPLICATION | ENTITY FRAMEWORK

August 2019 - October 2019

- ASP.NET MVC Application - Academic Project Management and Performance Analysis using Graph(Canvas.js).

### Quiz Application

DJANGO | PYTHON | BOOTSTRAP4

January 2019 - March 2019

- Dynamic Application for quiz creation(multi-choice) and play using Python's Django framework.
- It gives smooth environment to quiz-master to do operation with question-answer, and Player to play quiz.

## Fantasy Cricket League

PHP | CSS | MySQL

January 2019 - March 2019

- Dynamic Application for Fantasy cricket contests and Live Play.
- Backend built using PHP script and frontend designed using HTML, CSS.

## Activities/Leadership

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- **Team leader (Team size = 4) in eYantra Robotics Competition** held by MHRD Department of India and IIT Bombay, have modeled a non-linear dynamical system for the robot. It was an essential part of the control system. As a Team leader, managed all legal work during competition like agreement of terms and conditions, NDA (Non-disclosure Agreement).
- Active Open Source contributor, Contributed to [google/mathfu](#) library, and other organizations.
- Rated 1409 (Highest) in [Leetcode](#) for C++ codes during Biweekly contest.
- Completed April Leetcoding Challenge 2020 in C++ with optimization.
- Technical writing, published [technical article](#) on Developer Student Club DDU's Medium.
- Decathlete in [Project Euler](#) - Mathematical Coding problem platform.

## Achievements

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- Rated **5 star** on Hackerrank for proficiency in C++. - *March 2020*
- **Google Assistant Developer Community Program Member.** Successfully deployed action on Google action directory. Got GCP credits, a Google Home device, and Google assistant T-shirt from Google Developers. - *April 2019*
- Got **Secondary Education Scholarship** by securing **138** marks out of 200 in Gujarat State Education Board's Scholarship Exam. - *October 2012*