

# Aatish Dineshbhai Chaudhari

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## EDUCATION

### Masters of Science in Computer Engineering

May 2024

Arizona State University, Tempe, USA

*Relevant coursework: Cloud Computing, Distributed Database Systems, Foundation of Algorithms*

### Bachelor of Technology in Computer Engineering

May 2021

Dharmsinh Desai University, Nadiad, India

8.62/10

*Relevant coursework: Data Structure & Algorithms, Database Management System, Big Data Analysis, Software Engineering*

## SKILLS

**Languages:** Python, C#, C++, JavaScript, SQL, JAVA

**Frameworks:** Angular, NodeJS, .Net, Kafka, Django, React Native

**Tools:** Docker, GIT, PostgreSQL, MySQL, MongoDB

**Cloud:** AWS(lambda, S3, RDS, EC2, Cloud-Watch)

**Platforms:** MacOS, Web, Windows, Arduino

## EXPERIENCE

### Software Engineer - HHAeXchange (Ahmedabad, India)

Dec 2020 - July 2022

- Developed front-end user interface for the cash payment module in Angular.
- Processed large number of standard remittance files by hangfireJobs, API and AWS S3.
- Generated millions of events, improved the processing of event generation by 10% and eliminated duplicate events with the help of hashing.
- Divided a huge database into several databases using kafka events-based publisher-subscriber architecture.

### Augmented Reality Intern - Studio One Eleven (IIT Gandhinagar, India)

Apr 2020 - Sept 2020

- Worked on GoogleARCore, ARToolKit and unity3D to build android and iOS application for augmenting 3D models in real world.
- Optimised the application by reducing the loading time of large 3D models.
- Application received 4.4 Stars and 20k+ downloads across platform in first 2 months of release.

### Summer Intern - Uptodown (Virtual)

May 2019 - July 2019

- Launched a java based photo editing android application in which user can filter their images by adding rain effects and stickers.
- Application achieved 4.8 Stars and 1k+ downloads during first month of the release.

## PROJECTS

### Augmented Reality And Its Use Case | C#, ARCore, ArTooleKit,Unity3D

Jun 2020

- Developed augmented reality and virtual reality applications with the help of ARCore, ARToolkit and Unity3D.
- Created face filter, live book, treasure hunt and mixed reality games which were used in the festival week at DDU.

### Exam-Portal | C#, .Net, MVC Framework, SQL

Dec 2019

- Created an ASP.Net based website with 3 different user roles which helps faculties in managing exam and scores of students.
- Implemented factory design pattern and dependency injection for creation of the object.

### Music Streaming Website | Angular, TypeScript, NodeJs, MongoDB

Aug 2019

- Architected the website to stream music which ensured lag free streaming using Angular, TypeScript, NodeJs and MongoDB.

### CRM(Customer Relationship Management) | Python, MySQL, Django

Apr 2019

- Website that assists small company owners in managing all staff and their client relationships, it also displays sales information in graphical style for better comprehension.

## AWARDS

- First at hackathon on Blockchain and Android Development (IEEE at DAIICT) Jun 2019.
- Third at Techno Warriors For C++ Game development (DPS Gandhinagar) May 2017

## VOLUNTEER EXPERIENCE

### Member of DDU Connect (Dharmsinh Desai University, India)

Aug 2017 - July 2020

- Developed mobile application using react native which allows students to share articles and register into events. It received 4.4 Stars and 1k+ downloads.
- Organised blood donation camps, workshops, and competitions such as Star of DDU, Open Mic and The Perfect guess.