Aditya Chakraborti

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Passionate, reliable, and a quick learner, I am a software developer who's recently graduated with a bachelor's in computer engineering. I love building solutions to problems that are fascinating to me as well as those that serve a purpose for our society.

EDUCATION

Mukesh Patel School of Technology Management and Engineering, Mumbai - Under Narsee Monjee Institute of Management Studies (NMIMS) university

Bachelor of Technology in Computer Engineering

Graduated July 2020, with a CGPA of 3.1 on a scale of 4.00

SKILLS

Languages: Dart, JavaScript, Java, Python

Databases: MySQL, MongoDB, MariaDB

Backend Development: Flask, Node.js, Django

Version Control: Git

Frontend Development: Flutter, React.js, Next.js Android

Cloud Platforms: Google Cloud Platform, Heroku

EXPERIENCE

UniAcco - *Frontend Engineer - Full-Time*

October 2020 - Present

- Currently working on building and laying down the foundations of the UniCreds web platform.
- Occasionally delve across the stack to build REST APIs that are central to the functioning of the web platform.
- Tech Stack that I worked on: React.js, Next.js, Django

Freelance Software Developer - *Freelance*

March 2020 - September 2020

- Built a mobile app called SmartSeva for the aid of the elderly for my first client, where I proactively worked to exceed my client's expectations.
- Built the Impetusutra app to help my client onboard customers and give them an ecosystem to connect better with the company.
- Tech Stack that I worked on: Flutter, Firebase, Node.js

Wardrobe Global Pvt. Ltd. *- Software Engineer - Contract*

- Worked across the stack, building a social platform for fashion enthusiasts, influencers, and people in need of fashion inspiration.
- Designed, planned, and developed the WARDROBE app from the ground up, mostly working with the front end aspect of the cross-platform app with Flutter, handling API calls, transitions, routing, and providing an intuitive user experience.
- Tech Stack that I worked on: Flutter, Firebase

CERTIFICATIONS

Node.js: The Complete Guide to Build RESTful APIs, Udemy, *May 2020*

Dell EMC Academic Associate, Cloud Infrastructure and Services, *November 2019*

PROJECTS

- **QuickGrab - Flutter, Firebase -** [*video_link* - *playstore_link*]

  QuickGrab tries to help and promote the effective practice of social distancing by allowing people to go to shops in slots. It gives local shops an online presence by providing a platform for them to serve customers without the need for excessive logistics.

- **Gilbreth - Python, Flask, yolo_mark, darknet, Google Cloud Vision -** [*video_link*]

  Given a flowchart according to the defined syntax, Gilbreth detects, recognizes, and parses the flowchart into a traversable abstract syntax tree.

- **DeleGo for Mumbai MUN 2019 - Flutter, Flask**

  DeleGo helps organize data about delegates, panels, and hosts while automating the registration, food coupon system, and other pipelines for the event.

AWARDS

- **Winner** of **Smart India Hackathon**, 2019, organized by the **Government of India**, under the problem statement 'Invoice processing using RPA'.
- **Winner** of **IET's Hack-N-Code 2.0**, 2018, organized by **IET**, MPSTME.
- **Winner** of **Android Development Competition** organized by the Computer Engineering Department in collaboration with the Network for the Open Web Mozilla Club.

PUBLICATIONS

A review of Security Challenges in Home Automation Systems. *2019 IEEE International Conference on System, Computation, Automation, and Networking (ICSCAN)*

DOI: 10.1109/ICSCAN.2019.8878722