

# NIDA SHAIKH

## COMPUTER ENGINEER

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### EDUCATION

**Bachelor's in Computer Engg.**  
University of Mumbai  
Batch of 2021

**Diploma in Computer Engineering**  
M. H. Saboo Siddik Polytechnic,  
Byculla  
Batch of 2018

### COURSEWORK

- Data Structures
- Advanced Algorithms
- Object Oriented Programming
- Computer Networks
- Database Management
- Theory of Computation
- System Programming
- Operating Systems
- Software Testing

### SKILLS

// Proficient  
C, C++, Python, Java, Kotlin,  
Javascript. SQL, Git, Android  
Development, HTML/CSS,  
React.js, Natural Language  
Processing, Data Exploration,  
Data Visualization

// Familiar  
GoLang, PHP, Docker, Web  
Development, Node.js, Figma,  
MongoDB

### ACTIVITIES

- **Head Organizer**  
ACE Hackathon, 2019
- **Technical Lead, IEEE**  
Student Chapter, 2019

### WORK EXPERIENCE

#### Software Consultant

Raw Engineering | October 2020

- Strengthened application of React.js and Node.js for projects.
- Familiarized with the concepts of Headless CMS for Content Management.
- Worked closely with mentors and constantly implemented feedbacks.

#### Cloud Computing Intern

Space Up Tech | December 2019

- Optimized the code for CRUD operations.
- Designed test cases to evaluate the functionality of endpoints.
- Leveraged knowledge in Git, GoLang and Kubernetes

### PERSONAL PROJECTS

#### Vaani - The Doctor's Virtual Assistant

Solve4Bharat Hackathon, IISc | February 2020

- Developed a cross-platform Application with Firebase Backend.
- Implemented Voice Recognition and a Speech-to-Text Engine.
- Built a Natural Language Processing Model that tags medicine-related words and forms a prescription.

// Utilized Flutter, Node.js, Flask, Spacy, and Firebase

#### FridgeCam

January 2020

- Built a hardware module that can be connected to any fridge using Raspberry Pi and Pi Camera and detect objects in it.
- Trained a custom object recognition model using Tensorflow wrapped in a Flask App
- Deployed the app on Docker and created a RESTful API to fetch data and store it in Firebase.

// Utilized Python, Tensorflow, Java, SQLite and Firebase

#### Loan Analytics Dashboard

Code Adventure | July 2019

- Built an interactive analytics dashboard using data visualization techniques with Prosper Loan Data from Kaggle.
- Explored the dataset and found relevant patterns of user behavior, that would help with prescriptive analysis of loan applicants.

// Utilized Flask, Plotly, HTML/CSS, SQLite, Adobe XD