

Vishwas Mittal

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EDUCATION

IIT ROORKEE

B. TECH. COMPUTER SCIENCE

Expected: May 2020

CGPA: 7.1

LINKS

Github:// [vishwas78](#)

LinkedIn:// [vishwas](#)

COURSEWORK

PURSUING

Operating Systems

Software Engineering

Design and Analysis of Algorithms

System Software

COMPLETED

Computer Architecture

Data Structures

Discrete Structures

Object Oriented Programming

SKILLS

PROGRAMMING

Python • Java • JavaScript

HTML • CSS • SQL • Markdown

C • C++ • Rest APIs

Event Driven Programming

FRAMEWORKS

Django • Django REST Framework

Android • Twisted

DEVTOOLS

Git • Linux • AWS • PostgreSQL

MySQL • Firebase

Microsoft Cognitive Services

ABOUT ME

I am a twenty-year-old computer science student and software developer in my sophomore year. I build to make impact and improve the quality of life. My interests include Backend Development, System Architecture, Computer Networks, Android Development. Apart from decent sleep and some exercise, I am generally involved in coding. I like learning about new technologies and apply them to form actual products.

PROJECTS

APPETIZER | COLLEGE PROJECT

Feb 2017 – Present | Backend Developer | Django | [Link](#)

- An app used by all campus residents to reduce food wastage in the mess.
- Developed a safe and robust system to store all the students' data.
- Provides controlled access to outsiders using REST APIs.
- Currently developing a billing system to keep track of expenses in mess.

DJINORA | ANONYMOUS CHATTING PLATFORM

Dec 2017 | Django | [Link](#)

- Support Slack webhooks to expose a channel to implement IRC like platform.
- Uses Django Channels in the backend and Websockets on the front end.

CUSTOMIZED BOT FOR SLACK | SMART BOT

July 2017 – August 2017 | Django | [Link](#)

- Helps managing the user activities and keeps track of info posted on slack.
- Can respond in natural language and integrable with Djinora

HOMEY | HOME AUTOMATION

Feb 2017 | Android, IoT | [Link](#)

- Controls home appliances via touch/voice commands, remotely.
- User interaction with Android app and hardware controlling via Raspberry Pi.

CAMPUS INVOLVEMENTS

MOBILE DEVELOPMENT GROUP | ANDROID AND BACKEND DEV

Jan 2017 – Present | [Link](#)

Group of technology enthusiasts that aim to foster mobile application development in IIT Roorkee.

UNNAT BHARAT ABHIYAN | EXECUTIVE MEMBER

Aug 2016 – Aug 2017

An initiative under MHRD for development of villages through technical interventions.

POSITION OF RESPONSIBILITIES

TEDX 2017 ORGANIZER | LEAD BACKEND DEVELOPER

Oct 2017

Successfully conducted the TEDx IIT Roorkee 2017: The Symphonic Chaos. Worked as the lead backend developer.