AashutoshRathi
Full Stack Developer and Machine Learning Enthusiast

About
Email
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Portfolio
GitHub
LinkedIn
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Programming
JavaScript,
Python, C,
C++, Dart

Interests
Web Development,
Mobile Development,
Chat-bots, IoT,
Machine Learning

Education

Matriculation	**Kailash Vidya Vihar, Nimbahera** *Score - 84.4%*	2013-14
Intermediate	**Shiv Jyoti Sr. Sec. School, Kota** *Score - 81.4%*	2015-16
JEE Mains	**Central Board of Secondary Education, India** *Score - 225/360*	2016
B. Tech.	**Indian Institute of Information Technology Vadodara** *CPI - 8.65*	2016 - 2020
Student	**OpenClassroom** Front-end Developer Path (Scholarship by FB DevC)	2019 - Present

Skills

Web Development, Mobile Development, Competitive Programming, Git, Actions on Google, Serverless, AWS EC2 and Lambda, MongoDB, Django, Browser Extension, Project Management, LaTeX, REST API, Firebase, Flutter, Node.js, Android Things, PostgreSQL

Experiences

Jan 2019	**Developer Student Club** *Working as a Lead for managing Institute's Developer Students' Club recognized by Google.*	Lead
Nov 2018	**GeeksforGeeks** *Campus ambassador have to connect Team GfG to campus's placement officers and organize technical events.*	Campus Ambassador
Dec 2018	**Google Code-In 2018** *Mentored pre-university students at JBoss, also project lead for certificate-generator-backend project*	Mentor
May 2018	**Coding Club, IIIT Vadodara** *Responsible for organizing and Managing Technical Events.*	Secretary
March 2018	**Cerebro 2018** *Lead to a successful first Technical Festival for Institute as Vice-President.*	Vice-President
Nov 2017	**Google Code-In 2017** *Mentored Pre-university students at JBoss for 3 months.*	Mentor
Sept 2017	**Code Heat 2017 - FOSSASIA** *Participated in Code Heat and added patches/features to projects.*	Developer

Projects

Jan 2019   **DCart**   Solidity, Truffle, React, IPFS
Decentralized Online Market Prototype. Uses IPFS and Truffle.

Dec 2018   **Cerebro Native App**   Android, iOS, Dart, Flutter
Flutter based Native Application for Technical Fest of institute.

Dec 2018   **1Chat**   Android, iOS, Dart, Flutter
Flutter and Firebase powered Chat Application with Media attachment support and End to End Encryption. [WIP]

Oct 2018   **Labper**   Django, UIKit, PostgreSQL
This project is one stop portal for managing Labs, it is Lab Performance Evaluator. It is mixture of Online Judge with Classroom for one institute/small company to host online test and labs.

July 2018   **Vision**   Android, TensorFlow, Python
The project's approach lies in developing a system based on NXPico MX7 which is capable of labeling objects with the help of TensorFlow libraries and converting the labeled text to speech using an API and producing output in the form of audio signals.

June 2018   **Auto OpenVPN**   Python Package
A command line tool for creating free an OpenVPN account which will last for 5 days. It is a selenium based tool.

June 2018   **git-stalk-cli**   Python Package
A command line interface for checking your/peer's activity today on GitHub.

May 2018   **MultiBooth Toll Management**   Django, UIKit, Javascript
A responsive web-app for collecting data among several booth for an organization and with many users, molding them as per org requirement, added with features like exporting them to .xlsx for ease of printing.

April 2018   **Typeracer**   Vue, CSS, Javascript
Typeracer, an online platform to create your own competitive session or join random sessions of Typing Speed tests. A decent try to create a clone of typeracer.

March 2018   **Cerebro Website**   React, Firebase, UIKit
Landing Page for event registration as well as details made with help of Firebase for institute's Technical Festival - Cerebro

Jan 2018   **Instagram Media Downloader**   Browser Extension
An extension for Instagram that allows you to download the media attached in post in best available quality. **>1.5k Downloads**

Dec 2017   **Odyssy**   Django, JS, CSS
Ported Institute's static website into a dyanamic, now events, news, user, faculty and other details can be added easily via Django Forms no need to write HTML for that.

Oct 2017   **HackerRank Test Case Generator**   Python Scripts
Python Script to generate test cases for HackerRank Problems, helping many organizations to conduct contests easily.

Certifications

Aug 2018   **Python for Everybody Specialization (5 Courses)**   Coursera
University of Michigan

Jan 2018   **Google Cloud Platform Fundamentals: Core Infrastructure**   Coursera
Google

Jan 2018   **Google Code-In Mentor 2017**   Google
JBoss Outreach

Recommendation

Aug 2018   **Avi Aryan, Freelancer at Toptal and Founder HapRamp**   Mentor
I have known Aashutosh for 2 years as a college senior, and as a mentor in code internship programs. Aashutosh is always interested in learning new things as well as he has the ability to do so. He is good at innovation and doesn't hesitate to work without supervision.Overall, I think a person like Aashutosh can be a huge asset to any development team.

Aug 2018   **Prakash Rai, Machine Learning Engineer, Udacity Mentor**   Mentor
I have known Aashutosh for 2 years as a college senior and friend. He is a very smart person. He has the quality of understanding concepts and land them into very complete and detailed plans. His ideas are provocative and his commitment to work is exemplary. His ability to motivate a team will definitely be a plus to any group he works with. His passion and vision for a better future have proven his leadership potential time and again.