

Vaibhav

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EDUCATION

IIT Roorkee

B.Tech. in Civil Engineering

July 2017 - May 2021 (Expected)

Roorkee, India

Cum. GPA 8.62/10

Mukat Public School

CBSE, Class XII

Rajpura, India

2017, Overall 93.6%

Chaman Vatika School

CBSE, Class X

Ambala, India

2017, CGPA 10/10

SKILLS

Languages

C/C++, JavaScript, Python, GoLang, PHP, SQL, Java, TypeScript, Bash, Ruby

Technologies

Git, jQuery, Node, React, Django, Django Rest Framework, Flask, Docker, Chrome Dev Tools, Jekyll, MySQL, Mongo

ACHIEVEMENTS

Endeavour Entrepreneurship

September, 2017

Overall won competition for coming up with a startup idea and building a business model

Best Business Model Category

Also won the 1st prize in this subcategory

Joint Entrance Exam

JEE Mains 2017

Successfully qualified among more than 1.1 million students securing an All India Rank of 5167

JEE Advanced 2017

Qualified among 150,000 candidates with an All India Rank of 5532

MISCELLANEOUS

Open Source

An open source enthusiast.

Contributions in various open source organizations such as Zulip, Moby

PROJECTS

Rubeus & BroCLI

SDSLabs, IIT Roorkee

- Rubeus is a cross platform 2D game engine written in C++ and BroCLI is a command line tool (implemented in Go) to streamline game development with Rubeus
- Primarily involved in developing architecture for games built on Rubeus and building BroCLI to simplify the mentioned task

Convocation App 2018

IIT Roorkee

- Developed the rest API for the official Convocation App of IIT Roorkee for the year 2018
- Written in python using Django and Django Rest Framework, with help from Google Firebase to send notifications

Muzi

SDSLabs, IIT Roorkee

- Muzi is an intranet web music player to listen and download songs with frontend in React & Redux and backend in Laravel (PHP)
- Built a Spotify Web API wrapper in python to fetch metadata for tracks, albums, artists, playlists etc.
- Continued development on frontend of the application

Cerebro

SDSLabs, IIT Roorkee

- A platform for predictive modeling and analytics competitions for the people of IITR.
- Worked on the API of Cerebro (written in Laravel)

Visualis-RE

Smart India Hackathon

- A web application that uses LiDAR datasets to visualise topographical features of a location using Virtual and Augmented Reality. Built using A-Frames

Personal Projects

Jekyll-Github

- Jekyll support for Github linkifiers with customisation.

Readit

- A discussion platform similar to Reddit, written in PHP following MVC architecture with features like user rating, voting and "trending" discussions

Days

- Web based calendar application, includes events and "go to" features, implemented in React with Redux

Cerver

- A simple HTTP server written entirely in C (Socket Programming)

ACTIVITIES

SDSLabs

Developer

January 2018 - Present

Active member of SDSLabs at IIT Roorkee, a bunch of passionate enthusiasts trying to foster software development culture in the campus.

Watch Out! News Agency

Web Developer

July 2018 - Present

Watch Out! News Agency is the student media body of IIT Roorkee. Involved in maintaining its official website. Made with Jekyll, Bootstrap and SASS.