

Rishav Anand

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Education

Sikkim Manipal Institute of Technology

B. Tech, Computer Science Eng.
8.57 CGPA, Graduating May 2020

Skills

Languages: JavaScript, Python, PHP, C, C++, Java, SQL, HTML/CSS

Other: Blockchain, Unix/Linux, NodeJS, Arduino, Git, MongoDB, GraphQL, Docker

Projects

Farmchain *Blockchain based*
Developed distributed system for buying and selling of crops from farmers to consumers via wholesalers and retailers aiming to remove middlemen and increase the transparency of crop journey and price changes.

GPA Buddy *gpa.rishavanand.com*
Combination of web-scraper and Progressive Web App that scraps results from college's website, calculates GPA and makes it available through a web-app that can also be downloaded as a mobile-app and used offline.

BidFarm *SMIT Hackathon Winner*
Developed a platform using PHP where farmers create listing for their crops and merchants bid on it giving the farmers a larger profit for their harvest.

Maze Solving Robot *Winner*
Used Arduino with Ultrasonic sensors to create an autonomous bot which tries to follow walls and escape the maze.

Work Experience

Software Engineering Intern

Summer 2019

Braincities Lab, Paris, FR (*On-site*)

- Developed decentralized cloud storage and services using NodeJS.
- Designed architecture for scalable app using Docker and Kubernetes.
- Converted Python ML models into APIs using NodeJS and GraphQL.

Freelance Web Developer

Dec 17 – Dec 18

Distractive Media, Orange, US (*Remote*)

- Developed Offline Progressive Web Apps using NodeJS and MongoDB.
- Created features like local chat app and photo share using web-sockets which allows real-time interaction between local audience and artist in a concert.

Product Development Intern

Summer 2017

Hasura, Bangalore, IN (*Remote*)

- Crafted and integrated RESTful APIs using NodeJS in all apps using company's SAAS platform.
- Won the Bot Making Competition by making two interactive Telegram Bots, one that tracked Bitcoin rate and sent out alerts and the other which sent Cricket match updates using CricAPI.



Campus Involvement

Club Lead

Academic Year 2018-19

D'CoderS, Coding Club of SMIT

- Led various workshop that aimed at introducing students to various fields of Computer Science and uplifting the coding culture at the college.

Department Representative

Academic Year 2017-18

Dept. of Computer Science Engineering, SMIT

- Responsible for mediating the concerns of students on topics related to the department to the department in-charge and vice-versa.