

SATVIK RAMAPRASAD

4th Year Computer Science Student at IIIT-Bangalore, Expected graduation in 2021

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EDUCATION

August 2016 International Institute of Information Technology - Bangalore (IIIT-B)

- Present > Integrated M.Tech. in **Computer Science**, 7th Semester, expected graduation in 2021 (5 year course)
> Cumulative GPA: 3.92 / 4.00 [Transcript](#)

EXPERIENCE

- > **GOOGLE SUMMER OF CODE 2019 | ORGANIZATION ADMIN** [Github Org](#) [GSoC Page](#) MARCH 2019 - AUGUST 2019
I am the creator and maintainer of an open source organization [CircuitVerse.org](#) which has been accepted as a mentor organization for Google Summer of Code 2019. I managed and mentored team of 3 international students in Summer 2019. Read project CircuitVerse for more details.
- > **MOSIP | INTERN** [Mosip.io](#) JANUARY 2019 - MAY 2019
MOSIP - Modular Open Source Identity platform. **MOSIP is an international project funded by world bank** which is a global effort to develop an open source foundational ID system (like Aadhar) for governments to use.
- > **HOMIGO | FULL STACK DEVELOPER** JUNE 2018 - AUGUST 2018
Homigo is a flat sharing platform to solve rental problems (similar to Airbnb). My work involved setting up business analytics, third party integrations and meeting several feature requirements.
- > **ZENSE | PROJECT AND GROUP COORDINATOR** [Zense.co.in](#) JAN 2017 - PRESENT
Zense is a Software Developer Club of IIIT-Bangalore. I lead the club and work with various teams on exciting projects.

PROJECTS

- > **CIRCUITVERSE | FOUNDER** [CircuitVerse.org](#) FEB 2017 - PRESENT
CircuitVerse is a platform to create, share and learn digital circuits. Currently the platform is used internationally by several professors from across the world including some from University of Chicago, University of Alabama and Virginia Tech. **I am the primary developer and maintainer of this open source project. CircuitVerse got accepted as a mentor organization for Google Summer of Code 2019.** As of August 2019, CircuitVerse has had about 800K Page Views and about 80K users have used the platform.
- > **WEB BOARD | PROJECT TEAM LEAD** [Webboard.zense.co.in](#) MAY 2018 - PRESENT
Web Board is an online platform which enables teachers to use the smart boards over the internet. Currently, the project is deployed and used within IIIT Bangalore.
- > **QR BASED ATTENDANCE SYSTEM | CO-DEVELOPER** AUGUST 2018 - PRESENT
Attendance is a time-consuming process and tedious administrative work. We developed a novel method to take attendance using a dynamic QR based system. This project is currently undergoing alpha testing within IIIT Bangalore.

For an exhaustive list of projects, please check my [Project Portfolio](#)

SKILLS AND INTERESTS

Skills - Strong programming and debugging ability, Database Systems, System Design, Web Development, Project Management, Product Design, Computer Graphics, Basic Linux and Production Systems.

Technologies - C++, Python, Javascript, Rails, React, MySQL, PostgreSQL, Git, OpenGL

Interests - Scalable Architectures, Cloud Computing, Distributed Databases, Graphics, Rendering, Simulations

ACHIEVEMENTS

- > **Competitive Programming** [Codeforces](#)
I rank 83rd in India and 4th in Bangalore on Codeforces. Current ranking is candidate master. Ranked 3rd worldwide in a Codeforces div 2 contest.
- > **Flipkart Grid-Tech Challenge**
Came 5th among 6700 teams in the quiz round.
- > **Competitive Exams**
JEE Mains - AIR 803, BITSAT Score - 382, CET Rank - 76, ComedK rank - 10
- > **Dean's Merit List**
I am in the Dean's Merit List 2017, 2018 and 2019 for academic excellence.