Satvik Ramaprasad

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

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🎓 Education

August 2016 Present	**International Institute of Information Technology - Bangalore (IIIT-B)** > Integrated M.Tech. in **Computer Science**, 7th Semester, graduating in 2021 > Cumulative GPA: **3.92 / 4.00** Transcript

☰ Skills

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/Java, Javascript, Rails, React, MySQL, PostgreSQL, Git, OpenGL

💼 Experience

> **Google Summer Of Code 2019 | Organization Admin**   Github Org   GSoC Page   March 2019 - Present

I am the creator of an open source project CircuitVerse.org which has been accepted as a mentor organization for Google Summer of Code 2019. I mentored 3 students and managed 3 projects. 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. I worked on the test rig as part of independent verification and validation and designed the MOSIP Biometric Device compliance tool.

> **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. I setup and configured metabase as their primary BI tool.

> **Zense | Project and Group Coordinator**   Zense.co.in   Jan 2017 - present

Zense is a Software Developer Club of IIIT-Bangalore. I coordinate with various teams on several projects.

🖥 Projects

> **CircuitVerse | Founder**   CircuitVerse.org   Feb 2017 - Present

CircuitVerse is an easy to use online digital circuit simulator. It provides a platform to create, share and learn digital circuits. Currently the platform is used 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.**

> **Web Board | Project Team Lead**   Webboard.zense.co.in   May 2018 - Present

Web Board is an online platform which will allow teachers to use the smart boards in class online. 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 **Portfolio**

🏆 Achievements

> **Dean's Merit List**
I am in the Dean's Merit List 2017, 2018 and 2019 for academic excellence.

> **Competitive Programming**
Ranked 3rd in a Codeforces div 2 contest. Current ranking is candidate master. Link

> **ACM - ICPC 2017**
Our team scored second place in the college with a national rank of 361.

> **Competitive Exams**
JEE Mains - AIR 803, BITSAT Score - 382, CET Rank - 76, ComedK rank - 10