

Sainath Batthala

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Education

- 2012–2016 **B.Tech, IIT Indore, 8.33 CPI.**
2010–2012 **Intermediate, Sri Chaitanya Jr College, Hyderabad, 97.4%.**
2009–2010 **Secondary Education, Sarojini High School, Proddatur, 96%.**

Experience

- June 2016 - **Software Engineer, Practo, Bangalore.**
Present At Practo, We are working on building a cloud based hospital management software called Insta. It was developed using Struts, JSP technologies. Currently we are migrating it to Java Spring Framework. The front end is developed using Facebook's ReactJS Framework. During my stay in Practo, I got a chance to work on both Frontend(ReactJS) and Backend(Java Spring).
June - **Research Intern, TRDDC, Pune.**
November 2015 In TRDDC(TCS Innovation Labs), Pune, I worked on a research project titled "Answering What-If and If-What questions on batch systems" and trying to make batch environment agile, resilient and predictable.

Research work

- HiPC SRS **Answering "If-What" Questions to Manage Batch Systems.**
2015 My research paper titled 'Answering If-What Questions to Manage Batch Systems' is accepted at HiPC Student Research Symposium - 2015.
COMSNETS **If-What Analysis to Manage Batch Systems.**
Graduate My research paper titled 'If-What Analysis to Manage Batch Systems' is accepted at COMSNETS Graduate Forum - 2016.

Academic Projects

- What-If and If-What I am worked on my B.Tech Project titled 'What-If and If-What Analysis on batch systems' under guidance of Dr.Maitreya Natu, Dr.Vaishali Sadaphal and Dr.Neminath Hubballi.
3D Snakes and Ladders As a part of Computer Graphics course, I developed a 3D version of Snakes and ladders in OpenGL.
FastFlight While taking my Databases course, I developed a online flight booking portal. I used python,sqlite, jinja2 rendering engine etc.

Competitive Programming

Software Development and Competitive Programming are my major interests and most of my free time goes to them.

- Codechef I solved more than 300 problems on Codechef and ranked below 600 and 1st in my batch in both short and long contest format contests.
- Codeforces I regularly participate in Codeforces contests and my maximum rating is 1687(Expert).
- Hackerrank I stood among Top 50 in '**Morgan Stanley Codathon-2014**', a National Level Programming Contest organized by Morgan Stanley on HackerRank Platform. I am also chosen as Campus Ambassador for HackerRank. My handle is sainath001.

Positions of Responsibility

Head, Programming Club, IIT Indore.

Member, Google Student Club , IIT Indore.

CSE Representative, Placement Cell, IIT Indore.

SkillSet

- Languages Java, C, C++, Python
- Web JavaScript, HTML, CSS
- Frontend React
- Backend Spring
- Graphics OpenGL, ExtJS, D3.js, Raphael.js
- Databases Postgresql, MySQL
- Data Analysis R, Matlab