

Rajat Jain

rajat@rajatja.in • +91 773 763 2325 • <http://rajatja.in> • <http://github.com/thisisrajat>

EDUCATION

College of Technology and Engineering, Udaipur

Bachelor of Technology (B.Tech.) in Computer Science
8th Semester - **CGPA 9.01 out of 10**
OGPA 7.3 out of 10

2012 – 2016

Central Academy School, Sardarpura, Udaipur

Senior Secondary - CBSE AISSCE, **86.2%**.

2012

Secondary - CBSE AISSE, CGPA: **8.8/10**.

2010

TECHNICAL EXPERIENCE

SDE2 at HackerRank:

Jan 2018 – Present

Front end infrastructure improvements: Involved in setting up core infrastructure for multi repo architecture. Made NPM like private registry for private node package publishing, setting up heartbeats and drop-in/drop-out disks. Was a key developer in splitting frontend code from backend while removing all dependencies and setup architecture for front end code deployment with no downtime. **NodeJS, JavaScript, Ruby, Ruby on Rails, Bash**

SDE1 at HackerRank:

Jul 2016 – Jan 2018

Code Plagiarism Detection: Wrote a code plagiarism detection engine loosely based on winnowing technique like Stanford's MOSS algorithm. Saw decrement in false positives by 54% when compared against legacy string comparison. **Ruby**

Rewriting core enterprise product in React: Lead the migration of core enterprise product from Backbone to React. This project entailed implementing wireframes, benchmarking for performance and tracking key user interactions for app usage. Reduced first meaningful paint and time to interactive metrics by 71% and 37% respectively. **NodeJS, JavaScript, React, ES6 (ES@next)**

Intern at Zomato:

Nov 2015 – Nov 2015

Worked on a Floorplanner and a meeting scheduler for their internal management tool. **PHP, Javascript, MySQL**

Intern at HCL Technologies:

May 2014 – Jul 2014

Worked on a Stock Market Simulator, fetching live prices of listed tickers using Yahoo! Finance, trading on real stocks with Virtual Money. **PHP, Javascript, MySQL**

PROJECTS

Tech Next Reader:

A News Aggregation service which queries multiple Technology news sources and extracts articles. These articles are then later intelligently summarized for a quick skimming. **Python, Flask, Javascript** [thetechnext.net]

Compiler Sandbox:

Creates a virtual environment / sandbox for fast and secure execution of programs and scripts and abstracts the compilation and running process from end user. **PHP, Shell, Javascript** [compiler.rajatja.in]

Source Code of these and other projects available at <http://github.com/thisisrajat/>

SKILLS

Highly Skilled and Proficient in: C, C++, Python, Ruby, JavaScript, HTML, CSS

Comfortable in: Java, SQL, PHP, Go, Bash, CoffeeScript

Frameworks/Libraries/Tools: Rails, Flask, jQuery, Vim, Git (Version Control System), Unix, Docker, Backbone, ReactJS,

ACHIEVEMENTS

- Awarded "Spot Award" for raising the performance bar by Manager and was thrice awarded "Kudos" for being showing extreme ownership and customer delight at HackerRank.
- Stood 3rd in the HackerRank's internal Hackathon for creating a product with highest business impact.
- Qualified for ACM ICPC Amritapuri Regionals 2015 and 2016 and Kolkata Regionals in 2016.
- Ranked #2 in TopCoder India University Competition.
- TCS Code Vita 2015 Round #2: Ranked #16 in India.