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# PRIYANSHU JAIN

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## Experience

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<b>Software Engineer</b>	<b>AirCTO</b>	<b>July 2017 – Present</b>
<ul style="list-style-type: none"><li>Built monitoring and metrics collection system for entire platform.</li><li>Helped building deployment and migration tools with frabric/fabtools.</li><li>Complete rearchitect AirCTO dashboard from scratch with better performance.</li><li>Single handedly built AirCTO community platform for interaction between developers using dgraph in nodeJS and Go.</li><li>Component UI library for reusable and customizable UI components.</li></ul>		
<b>Lead Student Ambassador</b>	<b>Codechef Campus Chapter</b>	<b>Oct 2016 – Apr 2017</b>
<ul style="list-style-type: none"><li>Supervised a team of 5 Student Representatives and organised contests and discussion meetups.</li><li>Curation of problems and writing editorials for algorithmic programming contests held on CodeChef, college's internal contests.</li></ul>		

## Technical Experience

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### Projects

- hashbrown** (2018): an offline secure cli based password manager(cross platform) in go.
- Client Server Messenger** (2015): Used socket programming libraries of C/C++ to design a simple server that could chat with upto 30 clients simultaneously.

### Open source contribution

- Built packages like stationaryjs, react-pdf, react-setup, editor.. for fast developement of webapps.
- Formed Mozilla Campus Club and promoted open source in college.
- Helped gnome-calendar with some bugs, documentation for Qt unit testing module.

### Research

- Stable Matching Problem:**(2017): Accompanied this problem as NP-Hard with different constraints and described approximation parameters to find maximum optimal stable matchings. [link](#)
- Kidney Exchange algorithms:**(2016): Analyzed algorithms with multiple constraints for modern kidney exchanges in India. [link](#)

## Additional Experience and Awards

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- Co orgnisor of BangML meetup group in bangalore.(2017 - present)
- Secured Honorable Mention in ACM-ICPC 2016 Asia Chennai Regionals Programming Contest.
- Secured 99.75 percentile in JEE-MAINS 2013 among 1.5 million candidates.

## Languages and technologies

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- C++, C Python, Bash, SQL, JavaScript, Go, Lisp, Clojure,  $\text{\LaTeX}$ .
- ReactJS, NodeJS, Qt, cmake, Scikit-learn, Tensorflow, Py Torch, Nltk.

## Education

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<b>Bilaspur, India</b>	<b>Guru Ghasidas University</b>	<b>July 2013 – May 2017</b>
<ul style="list-style-type: none"><li>B.Tech. in Computer/IT Engineering, In-major CGPA: 7.86</li></ul>		