

Prateeksha Singh

A software engineer with 2.7 years of working on open-source, full-stack, B2B technologies, and a passion for creating developer-friendly APIs. Author of the 13k starred Frappe Charts. Devconf speaker. Website: pratu16x7.com

301, Vinodini Apts, Papdy
Vasai, Mumbai - 401207
(+91) 8551027665
hello@pratu16x7.com

GitHub: github.com/pratu16x7
Blog: medium.com/@pratu16x7

EXPERIENCE

JioHaptik (Reliance), Mumbai — *Software Engineer*

NOVEMBER 2019 - PRESENT, <https://haptik.ai/>

- Worked on the Haptik conversational AI assistant building platform that parses user queries and generates responses based on sentence similarity models.

ERPNext (Frappe Tech), Mumbai — *Engineering Lead*

OCTOBER 2016 - MARCH 2019, <https://github.com/frappe>

- Core maintainer for the ERPNext and Frappe repositories.
- Developed modules ([Setup Module](#), [Desk v2.0](#), [Frappe Charts](#), [Global Search](#), and others) for the full-stack web framework Frappe. Built the in-app [ERPNext Marketplace](#).
- Created PoCs for new technologies and standards, particularly migration to Python 3, ES6 and VueJS and improving test coverage for CI. Designed user experiences to reduce friction.
- Reviewed community code contributions. Led a live coding session at the [ERPNext Conference, 2017](#) (Mumbai) to foster them.

PROJECTS

Frappe Charts — *Author*

JS/SVG zero-dep web charting library: github.com/frappe/charts³

Over 13000 stars (highest in India) on GitHub. Featured in [GitHub's Octoverse 2018](#). Over 450 points on [HackerNews](#). Blogs on Medium and talks at [Redhat Devconf'19](#) and [HasGeek JsFoo'19](#)

[The Abridged Journal](#), an NLP based journaling tool

[Motion-tracker](#) interfacing OpenCV and Arduino

PAPERS

- [Solving](#) a patterned multi-polyomino packing puzzle
- [A brief overview](#): How to automate Motivation-driven Learning
- [Charting for the Modern Web, 2019](#) (ppt), [3D Printing](#) (ppt)
- [AR piano model](#) in MATLAB, BE Final Year, IJEA March'16, Issue 3

SKILLS

Programming Languages:

Python, Javascript, C++, Java, bash (shell)

Technologies: git, HTML5, CSS3, Node.js

Platforms: Linux, Mac OSX, MS Windows, Android

DBMS: MySQL, SQLite

AFFILIATIONS

ERPNext Open Source Software Foundation
<https://erpnext.org>

Indian Linux Users Group
www.ilug-bom.org.in

Computer Society of India
<http://www.csi-india.org/>

EDUCATION

Bachelors of Engineering (B.E.) Computer Engineering:
Mumbai University
8.04/10 CGPA
Aug '12 – Jun '16

PERSONAL PROJECTS

[A Pacman console game](#), blogging, mechanical models, amateur electronics and graphics