

Prateeksha Singh

A software engineer with 2.5 years of experience of working on open source software and B2B web technologies, and a passion for creating developer-friendly APIs.

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EXPERIENCE

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

OCTOBER 2016 - APRIL 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.
- Developed the in-app [ERPNext Marketplace](#).
- Led the [migration](#) of legacy jQuery based codebase to VueJS components, and designing user experiences to reduce friction. Reviewed code and community contributions.
- Created proof of concepts for new technologies and code standards, particularly migrating Frappe to use ES6 and Python 3 and improving test coverage for CI.
- Led a live coding session at the [ERPNext Conference, 2017](#) (Mumbai) to foster user contributions.

PROJECTS

Frappe Charts — *Author*

JS/SVG zero-dep web charting library, github.com/frappe/charts

- Over 12.5k stars on [GitHub](#). Featured in GitHub's [Octoverse](#) 2018. Over 450 points on [Hackernews](#).
- Talks at [Redhat Devconf'19](#) and [HasGeek JsFoo'19](#).

ACADEMIC PROJECTS

- Made an [AR piano model](#) using MATLAB (Undergrad Final Project).
- Built a [motion-tracker](#) interfacing OpenCV (Unix, C++) and an Arduino microcontroller.
- Implemented an [elementary search engine](#) using an index and ranking in Python.

SKILLS

Programming Languages:

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

Technologies: HTML5, CSS3,
Node.js, React.js, VueJS, git

Platforms: Linux, Mac OSX,
MS Windows, Android

DBMS: MySQL, SQLite

AFFILIATIONS

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

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

EDUCATION

Bachelors of Engineering
(B.E.) Computer Engineering:
Mumbai University
8.0/10 CGPA
Aug '12 – Jun '16

PERSONAL PROJECTS

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