Prateeksha Singh

A software engineer with 4 years of working on open-source, full-stack, B2B technologies, and a passion for creating developer-friendly APIs. Author of Frappe Charts. Devconf speaker. Website: pratu16x7.com

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Blog: medium.com/@pratu16x7

EXPERIENCE

JioHaptik (Reliance), Mumbai — *Software Engineer*

NOVEMBER 2019 - JULY 2021, 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/charts[3]

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, bash

Technologies: git, HTML5, CSS3, ElasticSearch, Django, Node.js, MySQL, SQLite

Platforms: Linux, Mac OSX

AFFILIATIONS

ERPNext Open Source Software Foundation
https://erpnext.org
www.ilug-bom.org.in

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

EDUCATION

MS in Artificial Intelligence:
University at Buffalo, SUNY
Aug '21 – Present

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