# Raj Pagey

+91 9518589206 | rajpagey@protonmail.com | Panjim, Goa | Remote

## Summary

Experienced frontend developer with a proven record of understanding and writing simple code for complicated workflows.

## Experience

**bipp Inc. | Remote**
**Frontend Developer | 03/2020 - Present**

- **Schema Explorer:** Built a dynamic, hierarchical database schema explorer. It's plugged in at different hierarchies, in different product components.
- **Spreadsheet Interface:** Led & built a spreadsheet interface with pivot table abstractions that populates a recursive data structure, later consumed by other services in the product to generate appropriate SQL.
- **Formula Builder:** Wrote a recursive component for generating right abstractions for a small DSL.
- **Visual SQL Builder:** Built filtering system that can generate a filter tree to arbitrary depths for the *WHERE* clause of the SQL query.
- **Other activities**
  - Implemented duckdb based service to support cross-db joins in-memory
  - Part of the core team involved in porting the main BI application from MithrilJS to React
  - Occasional bug fixes in the Golang based SQL generator and spreadsheet calculator
  - Built an authentication system
  - Implemented new features in an echarts based visualisation system

**uni.xyz | Remote**
**Project Manager - Part Time | 03/2020 - 12/2020**

- Managed and assigned tickets. Onboarded and trained interns on the usage of existing mixins. Made progress reports for individual interns.
- Leveraged AWS to prerender and compress images. This reduced the load times by about 80%.
- Migrated the codebase from Python2 + Django1 to Python3 + Django3

**uni.xyz | New Delhi, Delhi**
**Full Stack Developer | 01/2018 - 03/2020**

- Wrote REST APIs in Django for various frontend apps.
- Headed the team to develop global responsive typescript mixins and directives in Angular.
- Used third party APIs to put in place login, payment and mailing.
- Hosted the servers using nginx.

## Skills

Languages: Python, JS, TS, Golang, Frameworks: Django, Angular, MithrilJS, React, Other tools: nginx, gunicorn, cron, parcel

## Education

**Rajiv Gandhi College of Engineering and Research | Nagpur, Maharashtra**
**BE in Computer Science and Engineering | 08/2017**

**Shree Datta Meghe Polytechnic | Nagpur, Maharashtra**
**Polytechnic Diploma in Computers | 06/2014**