

# Sanjay Singh Bisht

**Vividly**, USA (Remote) — *Software Engineer*

Vividly is a trade promotion management (TPM) software built by and for the consumer-packaged-goods industry (CPG). From campaign creation to deductions management and promotion measurement, we help brands manage every element of trade spend.

November 2021 - PRESENT

**Worked in Backup Retrieval team, backup retrieval service help customers get there trade promotion details from retailers and analyze the associate cost.**

**Nov 2021 - Present**

- Built **backend api** to scrape retailer website and fetch customer related data from it.
- Worked with **remote team in different time zones asynchronously**.
- Worked on writing **strawberry graphql api** services.
- Worked on revamp of deduction scanning infrastructure towards a database focused infrastructure to automate task of creating template for new company invoice scanning.
- Worked on creating **React functional components** for various frontend components.
- Worked on **migration of code and data** from **firebase, flask** tech stack to **django, postgres** tech stack.
- Wrote **integration and unit test** for various backend components using **pytest**.
- Worked on **creating file upload services** in **django** using **google cloud storage**.
- Created service to **upload invoice files** to **third party AI service** and **retrieve data** to be **emailed** to **customers** in relevant format.

**Tech Stack: Reactjs, Django Rest Framework, GraphQL, Playwright, Postgres, Docker**

**Docker, GraphQL**

**Belzabar Software Design**, New Delhi — *Computer Scientist (FullStack Web Developer)*

Belzabar Software creates Web and mobile software on behalf of a remarkable client base – including Fortune 500 companies, government agencies, Web startup ventures, and popular Web applications.

June 2018 – November 2021

**Vanguard**

**Vanguard is one of the world's largest investment companies, offering a large selection of low-cost mutual funds, ETFs, advice, and related services.**

**June 2021 – Nov 2021**

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**[Github](#)**

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## **SKILLS**

### **Languages:**

- Javascript
- Python

### **Popular Libraries:**

- Typescript
- Reactjs
- Redux
- Django, Django Rest Framework
- Pytest
- GraphQL

### **Tools:**

- Google Cloud Storage
- AWS
- Docker

### **Database:**

- Loan Management system for vehicles
- Worked on sending notification to users on loan release.
- Created **python commands** for importing file and separating them into different files based on business logic.

**Tech Stack: Python, Django Rest FrameWork, React, Mobx**

October 2019 - PRESENT

- Built a [career information guidance platform](#) for CFNC.org.  
CFNC.org was formed with the express mission of increasing the college-going rate in North Carolina. It has **9 million registered users** with **3 million active users**.
- Used **Docker** to create container for the application.
- Created a [program search](#) feature with autocomplete search feature to fetch DB records using **custom SQL queries** and **parsed** resultant **json** data to list relevant data on a map created using **highmaps.js** library.
- Built custom Drupal modules to create forms and process csv files for importing csv data into drupal CMS. This helped in partial import of files and adding new data with reference links to the old data data type.
- Made use of Drupal webform and **SQL queries** to fetch data for a message queue. Data was shared to a different server using **AWS SQS message queue**.
- Created a **custom drupal module** to add any include any js file to any url on the site.

**Tech Stack: [Drupal 8](#), PHP, JQuery, Docker**

Surfboard Holding B.V. / [System1](#)

**Anonymous Search Engine - 5million daily users**

- Anonymous search engine - [startpage.com](#) (product)
- Worked in **Agile Development** Process and was actively involved in **task planning**.
- Created **backend API's** for backend using **Flask** python.
- This helped generate **custom forms** in 10 different languages and built a **API** to **collect** data from **customers** to understand their needs.
- Wrote test cases using **Pytest library** for **backend API's**.
- Created and maintained **web-extensions** to set the website as default search engine on different browsers to give user '**one click set default**' feature using **javascript**.
- Used **gitlab** for version control system.
- Wrote **search algorithm** to search information from huge data files.

**Tech Stack: Perl, Javascript, Python, Apache**

- MySQL
- PostGres
- Firebase DB

## EDUCATION

**Delhi Technological University,**  
New Delhi —  
*Bachelor Of Technology,*  
*Engineering Physics*

Aug 2014 - June 2018

