

## Contact

Shri Bala Ji ice cream parlor, D.S.P  
Road, Fatehabad, Haryana  
9996136867 (Work)  
vinaynagpal96@gmail.com

[www.linkedin.com/in/vinay-nagpal-09a245157](http://www.linkedin.com/in/vinay-nagpal-09a245157) (LinkedIn)

## Top Skills

Shopify  
JavaScript  
Datadogs

# Vinay Nagpal

Node.js | React | MERN | Python | Pursuing solution architect | Neo4j | Machine learning | Big data | web scraping | SQL | MongoDB | RabbitMQ | Redis | Team Lead | Fantasy gaming | Blockchain | Shopify | GoDaddy  
Chandigarh, India

## Summary

As a Senior Mern Stack Developer at Spineor, my focus is on crafting innovative microservices that power theautopartsshop.com, such as a multi-tenant capable system and a CSR portal for order enquiries. Our team has achieved a fully automated inventory management system, contributing to a seamless operational workflow.

With a Bachelor of Technology in Information Technology from Chandigarh Engineering College, my educational foundation complements my professional role. We've developed a robust voucher service, enhancing the platform's value proposition. My commitment lies in leveraging technical skills for product excellence and organisational growth.

### Experience:

Experienced full-stack and Mern-stack developer, Web scraper, and Machine Learning Engineer with a demonstrated history of working in the information technology and services industry.

### Projects:

Lendified, visitor management system, Haajri app, Ana App (a women's healthcare app), Somewhere Destination App, Cleaning Services, Indeeya, Royo apps, gas-it-up, whatir, lock adalat (outsource to Jupitice), blockchain projects (block tech brew) and crickpe (third unicorn). theautopartshop.com, apexautoparts.com, inventory management system

### Skills:

Node.js, React, Python, Web Scraping, Rasa Stack, AWS, Dialogflow, RabbitMQ, data-dogs, cash-free, easy buzz payment gateway, Stripe, Square, Twilio, Nodemailer, swig, Process

Management (PM2), draw.io, Hive, Apache Spark, HBase, and Hadoop.

Database:

Neo4j, MongoDB, CouchDB, MySQL, PostgreSQL, sequelize, solr and Redis

Framework/Documentation:

Express.js/generate-docs,

hapi.js/Swagger

typescript

graphql

react.js

---

## Experience

Spineor Webservices Pvt. Ltd.

Sr. Mern stack

November 2023 - Present (1 year 5 months)

Mohali district, Punjab, India

I am creating their own product, theautopartsshop.com. To put it briefly, I am developing multiple microservices, including:

1. The BFF layer is written in TypeScript.
2. The CSR portal for order inquiry verification and data manipulation.
3. A fully automated system that is optimised for inventory management
4. They offer voucher services on their website, enabling any providers to publish their coupons.
5. correspondence regarding abandoned carts
6. The ability to accommodate many tenants
7. As a freelancing project for my employer, I also developed a CRM panel, a backend integrated Shopify service, and inventory management. My duties included leading a team and developing React, Node.js, javascript and Shopify components.

Skills: React.js · Redis · bff layer · Solr · TypeScript · Voucher services ·

Inventory Management · Data Architecture · GraphQL · JavaScript · Shopify

Third Unicorn

Sr. Nodejs devloper

January 2023 - August 2023 (8 months)

Chandigarh, India

Crickpe:

Ashneer Grover has created a cricket fantasy App. From conception to completion, we constructed this project. And completing a high-quality product in three months is a huge challenge for us. Because Ashneer wishes to compete in the IPL in 2023. We created the database architecture. To handle the user traffic and optimise the MongoDB queries, we created several microservices. During the IPL season, my responsibilities included night shift production level corrections for two months. and also tackle the consumer query. also develop an admin panel in React.

Skills: rabbitmq · Fantasy Sports · Rocket · nodejs · MongoDB · Amazon Web Services (AWS) · React.js · Datadogs · JavaScript

## Code Brew Labs

1 year 11 months

Sr. Nodejs developer

October 2022 - January 2023 (4 months)

Chandigarh, India

1). iso-saas (coin base business sites): built on typescript framework

In two weeks, I built a multiple-client coin business portfolio software. There was a section where clients could fill out the form for their coin-based websites. Once the form was submitted, we sent the clients a domain for their coin-based website's admin panel, where they could make changes to the customization of their website. i have worked on god pannel using reactjs

2). Nft-marketplace: built on type script

For the nft company, I developed software to generate a customer database. The form for their nft might be completed by customers. After submitting the form, the client will design their nft in accordance with their preferences.

3). tarality

it's India no 1 coin base Products they have their coin taral

For our clients, we created custom coin-based and nfts sites according on their needs.

Skills: Polkado · Substrate · REST APIs · Blockchain · Amazon Web Services (AWS) · TypeScript · Node.js · JavaScript · React.js

Node.js developer

March 2021 - October 2022 (1 year 8 months)

Chandigarh, India

1.) Royo:

Products like food apps, medicine apps, beauty care apps, etc. mainly work on the maintenance part and create new features according to client demand. websites like Hosta, Medcina, Easy, and many more.

2.) whatir:

It's a custom project where I have learned how to make a product or feature like Pinterest, Instagram, or Facebook. and delivered a good customised server with AWS features.

3.) jupitice:

I'm outsourcing to some other company for 2 months for a legal services authority product like Rera, Lok Adalat, etc.

Mostly, I have worked on deadlines and in free time to create future work on a new microservice for queue SMS, email, and What's App services, and all the project is written in pure Javascript with a frontend (react) part.

Snowflakes Software Pvt. Ltd

Backend Developer

September 2020 - March 2021 (7 months)

Sahibzada Ajit Singh Nagar, Punjab, India

Projects:

1). somewhere destination app: it is a hotel app where you can go and book your rooms and other activities, so I handled the DB structure, backend, and admin panel.

2). Cleaning site: it is a site where you can drop your cleaning requirements and someone on the other side accepts that booking, and the user can track the things.

3). indeeya: It is a product based on all company machinery or tools. The vendor can manage the company's resources, including all the things that are used by the company. and another side user can give the order to the company for a minimum quantity of products, tools, etc. My role is to manage the product, do the backend part, and also handle the server part.

Viithiisys Technologies

Backend developer

August 2018 - September 2020 (2 years 2 months)

Mohali, Punjab, India

1). Refrase-Chatbot: developed a chatbot on the Rasa stack using Python and integrated it with Messenger. In this, I have created some scripts to work as

chat text and send some replies related to the website. It is developed in the Python module rasa-stack.

2). Ana Women Healthcare App: In this app, the user selects some answers related to a diagnosis question, and according to his answer, we generate some reports. The user also gives his daily report, for example, how he feels today or something like that. In this project, we work on MongoDB and Neo4j databases, and as a backend developer, we use Node.js. and work on logic and APIs.

3. Hedialberg: It is a Salesforce-related chatbot. I worked only with some Docker files, so it created some native apps locally and also interacted with the local database.

4). Vizitor: I have also worked on our company's official product, the Vizitor app. I have made the backend of the super admin panel and done backend features of our app like working on apis, email reporting, cron jobs, etc. in Node.js. and also scrape some data for digital marketing. I sent the template to a big company, so I extracted some data using Python (beautifulSoup).

5). hajiri (office-app): it is an office app and dashbord; there are two different apps, one for employees and another for cafes, and dashbord for hrs and admin; my role is to develop the backend, manage all the product and team, and handle frontend, backend, app parts, and client-side requirements.

6). lendified: I have done some APIs, security, security and vendor parts. and also done some web scraping scripts using rabbitmq.

## Constalytics

### Machine Learning intern

February 2018 - June 2018 (5 months)

Mohali, Punjab, India

I have done two major projects in machine learning using Python (Anaconda and Spyder).

#### 1. churn model:

In which we take the data from Kaggle and clean the data, create the dummies of categorical data, and after that, build a classification model, predict the test data, and do further processing to decrease the error and increase the accuracy.

#### 2. House price prediction:

There are 80 features in the dataset; when categorical data is converted into binary form, there are 250 features. After that, we build a regression model and predict the new data set.

## Ducat Education

### Big data trainee

June 2017 - July 2017 (2 months)

Noida Area, India

#### Project: Retail Data Analysis

This project was done to implement several insights for our client which deals in retails sector. I use Sqoop to Import huge amount of structured data from their SQL-Server into our Hadoop cluster and create Hive Tables on top of HDFS, then HQL comes into play to perform faster execution to give insights upon their requirements. Also used PIG on top of HDFS to perform several ETL Workflows to provide exact details about sales and future plans.

#### Responsibilities:

- To take a deep insight on Sqoop import jobs and to preform partitioning and bucketing on hive tables.
- Used Hive to find correlations between products and sales per product in different chains and analyzed them to give exact insights.
- This project was used to check consumers sentiments towards a single product.
- Implemented the architecture of HIVE and PIG.
- Created workflows upon Pig Latin and supported PIG team in writing nested queries.
- Used Scala to perform code independent tasks in a distributed manner to improve performance.

---

## Education

Chandigarh Engg College, Landran

Bachelor of Technology, Information Technology · (July 2014 - June 2018)