# VARUN TEJA KOPPISETTI

**# FULL STACK DEVELOPER # NEXT JS  # REACT # NODE # JAVASCRIPT # DJANGO # PYTHON**

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## Summary:

I am a **Full Stack Developer**. My tech stack for the frontend includes **JavaScript, Next.js, React.js, and Tailwind CSS**. For the backend, I use **Node.js, Express.js, MSSQL and MongoDB** with a strong understanding of both **SQL and NoSQL** databases. Also familiar with **Django, Python, PHP**. I use a variety of other tools that can maximize productivity and optimize product delivery, for example **GIT, VS Code, Postman, Tortoise SVN, SonarQube and Jenkins**. I am open to new opportunities and challenges.

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## Skills:

★ Next JS, React, Node, Python, JavaScript, HTML, CSS, PHP, SASS.

★ Django Web Framework, MERN Stack.

★ SQL, PostgreSQL, SQLite , NoSQL, MongoDB.

★ Git, Docker, VSCode, Postman, Jenkins, SonarQube, BitBucket.

★ Heroku, Railway, Netlify, AWS, Google Cloud.

★ Linux, Windows.

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## Experience:

**invest4Edu - Software Engineer** *( Dec 2023 - Current )*

★ **Tech Stack:** Next JS, React JS, Node JS, MSSQL

★ **Role:** Full Stack Developer

★ **Responsibilities:** Developing an SEO friendly website. Migrations from the React to Next JS as class based architecture to functional architecture. Building a complex, performant & efficient UI, database queries and backend. Handling the core of sales and employee CRM, by developing the frontend and backend using Next JS, Node, MSSQL.

★ **Major Accomplishments:**

  ○ Rewrite of the core app from class to functional components.

  ○ Increasing SEO by migrating from React to Next JS framework to take advantage of SSR.

  ○ Improvement in SEO and performance has brought in more than 6000 customers in the span of 2 months.

**Tata Consultancy Services, Chennai - System Engineer** *( May 2021 - Dec 2023 )*

★ **Tech Stack:** React JS

★ **Role:** Frontend Developer - HCM Platform

★ **Responsibilities:** Developing and supporting custom React JS interfaces, specifically tailored to meet client requirements for a global user base of 10,000+ across four critical regions: America, APAC, EMEA, and JAPAN.

★ **Additional Info:** Built custom interfaces using Recharts, Redux, React Hooks, Fetch API, supporting  JWT Authentication.

★ **Success milestone:** Received a 5-star rating for consistently providing timely updates and exceptional support from clients.

## Projects:

**invest4Edu (Education & Financial Planning)** - Software Engineer (invest4Edu)

My core stack here is Next JS, React, Node, MSSQL. Building of complex & efficient UI like dashboards, charts, filters, login etc. using Material UI, Highcharts, and many more, all while moving away from the class based architecture to functional.

I worked on another challenging part of optimizing the SEO for the web app. I did this by moving it to Next JS to take advantage of SSR (Server side rendering) and caching.

As a Fullstack Engineer part of developing a sales and employee CRM I used various libraries like React Hook Forms, shadcn, Tailwind, Zod, and much more to maintain industry level standards on the frontend and on the backend writing optimized queries for MSSQL and Node.

**HCM Platform** - System Engineer (TCS)

I worked with React, developing UI to meet client requirements. Recharts, React Hooks, Fetch API, supporting JWT Authentication. Gained a lot of experience in developing Admin dashboards, state management and authorized routing. At the same time I was able to understand core concepts of Application deployments and collaboration with teams.

**JobToday, DoToday** - MERN stack - [Github Link](#)

Made with React JS, Node JS, Express JS, MongoDB. It features Authentication, Axios, CRUD operations, JWT, Redux, Recharts, REST APIs. Hosted on Netlify, Render, GCloud. Github. This project helped me understand the core MERN architecture.

**Twitter Sentiment Analysis** - Django Web framework - [Github Link](#)

My second project after developing a website with PHP, HTML, SQL, CSS, Bootstrap. It helped me understand python and it in a framework. I was fetching tweets via Twitter API and running them through the Naïve Bayes algorithm to get the probability of the sentiment using python libraries like TextBlob, Numpy, and Pandas.

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## Education:

Vel Tech R&D Institute of Science & Technology, Deemed to be a University, Chennai - **Bachelor of Technology in Computer Science**. CGPA - 8.6 (2017 – 2021)

## Certifications:

★ React, Python - Hackerrank
★ Introduction to Prompt Engineering for Generative AI - LinkedIn
★ Introduction to Machine Learning- Coursera

## Languages:

English, Hindi, Telugu, Tamil.

## Social:

LinkedIn: https://www.linkedin.com/in/varunteja007006/

Github: https://github.com/varunteja007006

Website: https://varunteja007006.netlify.app/