# Vinod Kumar N

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Portfolio | GitHub | LinkedIn

## EDUCATION

**Nxtwave Disruptive Technologies**                                                                 June'22 - Ongoing
Industry Ready Certification in Full-stack Development

**VELS UNIVERSITY, Chennai**                                                                            2010 - 2014
BE (Bachelor of Engineering)_Mechanical Engineering (ME) (75%)

## SKILLS

**Frontend**:  HTML, CSS, Bootstrap, JavaScript, React.js, Tailwind CSS, Material UI
**Backend**: Python, Express, Node.js
**Databases**: SQLite
**Dev Tools**: Visual Studio Code, Git, Github, Jira, Bitbucket

## PROJECTS

**Nxt Trendz ( ECommerce Clone - Amazon, Flipkart) (vknxttrendz.ccbp.tech)**
Implemented Nxt Trendz application which is a clone for ECommerce applications like Amazon, Flipkart where users can login and can see list of products with search, filters, sort by, etc..
- Implemented Different pages and routes for Login, Products, Product details using React Router components Route, Switch, Link, props, state, lists, event handlers, form inputs.
- Authenticating and authorizing users by taking username, password and doing login POST HTTP API Call and implementing filters by sending them as query parameters to product api calls.
- Persisted user login state by keeping jwt token in local storage, Sending it in headers of further api calls to authorize the user.

**Technologies used: React JS, JS, CSS, Bootstrap, Routing, REST API Calls, Local Storage, JWT Token, Authorization, Authentication**

**Wikipedia Search Application (vinodkr4.ccbp.tech)**
Experience a new level of information access with a custom wikipedia search application that simplifies the search process. With a user-friendly interface and relevant results, users can expand their knowledge in no time.
- Intuitive search results with HTML list elements, styled with CSS, Bootstrap, and responsive design for a seamless user experience.
- Effortlessly access desired information with asynchronous fetch GET HTTP API calls and the option to open results in a new tab for further exploration.

**Technologies used:** HTML, CSS, JS, REST API Calls, Bootstrap

**Covid Dashboard (vkcovid19.ccbp.tech)**
Implemented a responsive Covid Dashboard where users can see confirmed, active, recovered and deceased cases in India state wise. Users also can search by state and see state specific cases info with different types of graphs.
- Implemented different routes for features like home, state-specific details, and about by using React Router components Route, Switch, Link.
- Implemented graphs like a bar chart, line chart using React Third Party library Recharts to show different stats.
- Used Figma mockups to implement UI-rich and pixel-perfect React components.
- Explored open-source APIs for covid info and picked covid19india.org APIs for state-wise stats, timelines for graphs, faqs related to COVID.

**Technologies used:** HTML, CSS, JavaScript, React JS, Recharts, Figma

## WORK EXPERIENCE

**Valmont Strucutres India Pvt Ltd (Senior Engineer)**                     **Sep 2018 – Mar 2023**

*Pune, Maharashtra*
Design and detailing of monopoles towers

                                                                          **Jul 2015 – Sep 2018**
**Zamil Steel India Pvt Ltd (Junior Engineer)**

*Chennai, Tamil Nadu*
Design and detailing of Lattice Towers

## PROFILE HIGHLIGHTS

**Team Lead**      -Managed a team of 8 members for 2 years
**USA H-3 VISA**   -H-3 visa is a non-immigrant visa category.
**Languages**      -English, Hindi, Tamil