

# Vansh Kapoor

LinkedIn: <https://www.linkedin.com/in/vanshkapoor418/>

GitHub: <https://github.com/liegen47>

Mobile: +91-7006840318

Email: [vanshkapoor418@gmail.com](mailto:vanshkapoor418@gmail.com)

## Education

- Hindustan Institute of Science & Technology**  
Bachelor in Computer Science and Engineering; CGPA: 8.92/10.0

Chennai, Tamil Nadu, India  
Nov 2020 - May 2024

## WORK EXPERIENCE

- BizBezzie Private Limited** Mumbai, India (Remote)  
Full stack developer Intern March 2024-Ongoing
  - Created and **optimized static and dynamic websites for 10+ clients** which boosted site performance and client engagement **metrics by 35%**.
  - Tools:** React.js, Next.js, Node.js, Express.js, Tailwind-CSS, Typescript, PHP, MySQL, VS Code, GitLab.
    - \* Utilized **React.js** and **Next.js** for creating responsive and interactive interfaces for **10+** websites.
    - \* Employed **PHP**, **Node.js** and **Express.js** for backend development, implementing RESTful APIs and handling server-side logic for **10+** web applications.
    - \* **Handled API calls and created API endpoints** for seamless communication between frontend and backend.
    - \* Designed and implemented efficient database solutions using **MySQL** for data storage and retrieval.
    - \* Conducted **SEO optimization** for websites to improve search engine rankings, enhance **site visibility**, and **drive organic traffic**.
- The Sparks Foundation** Chennai, India (Remote)  
Full stack developer Intern Nov 2022-Jan 2023
  - Created a **BANKING SYSTEM CLONE**, demonstrating proficiency in full-stack development, user authentication, and database management.
  - Tools:** HTML, CSS, PHP, JavaScript, MySQL, VS Code
    - \* Created interactive web applications serving as a reliable platform **for financial transactions and accounts**.
    - \* Designed a **responsive website** using technologies like HTML, CSS, PHP, JavaScript, and MySQL.

## Skills and Expertise

- Languages:** C, C++, Python, Java(basics), HTML, CSS, MySQL JavaScript
- Frameworks & Libraries:** React, HTML, Tailwind-CSS, Next.js, Node.js, Express.js, Flask, MongoDB, Firebase, Flutter(basics), IBM DB2, Ethereum, Solidity, Hardhat, Interplanetary File System (IPFS).
- Others:** Visual Studio Code, Jupyter Notebook, Git, GitHub, OOPs, Data Structures and Algorithms

## Projects

- E-commerce Website with Fashion Recognition and Recommendation**  
**Tools:** React.js, Redux, Node.js, Express.js, MongoDB, Python, flask, VGG19(pre-trained model) April 2024
  - Implemented the backend **RESTful API** using Node.js and Express.js, enabling the admin to perform CRUD operations on products, process orders, and handle user registration, login, and order management.
  - Leveraged **MongoDB** for efficient data storage and retrieval, improving **access times by 30%**.
  - Built responsive frontend with **React.js** and **Redux Toolkit**, using a pretrained model on **1M+ ImageNet** images for fashion recommendations and can classify images into **1000 object categories**.
- SECURE - MEDSHARE: Decentralized Patient Data Sharing for Improved Healthcare** Publication  
**Tools:** Ethereum, Solidity, Hardhat, Pinata (IPFS), React.js, MetaMask, ethers.js Nov., 2023
  - Improved medical data sharing by 40%** through the implementation of decentralized blockchain technology, enhancing security and data integrity.
  - Established transparent access controls, enabling secure management of sensitive healthcare information for **over 100 users**.
- Mobile Application for AICTE Website** June 2023  
**Tools:** Flutter, Firebase, Dart, Python
  - Utilized data scraping techniques to extract information from the AICTE website, processing **over 50 data entries**.
  - Stored the extracted data in Firebase and retrieved it for display within the mobile application, enhancing **data access speed by 50%**.
  - Implemented user-friendly interface with Flutter, serving a user base of over **100 individuals**.

## Achievements

- Published paper titled "**SECURE - MEDSHARE: Decentralized Patient Data Sharing for Improved Healthcare**" in **IEEE Xplore** (May 2024).
- Presented paper titled "**E-Commerce Website with Fashion Recognition and Recommendation**" in **NCRST Conference** (April 2024).