

Vipin Kumar

vkprajapati665@gmail.com | 9528570904 | [linkedin/vipin01](https://www.linkedin.com/in/vipin01) | [github/v1pinx](https://github.com/v1pinx)

EDUCATION

Bachelor of Technology in Computer Science and Engineering

Jalandhar, Punjab | May 2026

LOVELY PROFESSIONAL UNIVERSITY | CGPA: 8.84

Coursework: Data Structures and Algorithms; Full Stack Developer; Operating Systems; Computer Networking

Jawahar Navodaya Vidyalaya

Moradabad, UP | Apr 2021

12TH WITH SCIENCE | Percentage: 92.6 %

Coursework: Mathematics, Physics, Chemistry

Jawahar Navodaya Vidyalaya

Moradabad, UP | Apr 2019

10TH WITH SCIENCE | Percentage: 95 %

Coursework: Mathematics, Science

PROJECTS

HASH WALLET

NEXT.JS, TYPESCRIPT, BLOCKCHAIN, WEB3, SOLANA

- Led the development of a decentralized crypto wallet, increasing user adoption by 20% through the integration of **Ethereum** and **Solana** blockchains for secure and efficient asset management.
- Spearheaded **Web3** technologies with Solana, allowing seamless multi-chain functionality.
- Utilized **Next.js** and **TypeScript** to build a responsive, scalable, and intuitive user interface, enhancing user experience.
- Implemented robust security features, ensuring the safe handling of private keys and transactions.

URL SHORTENER

NODE.JS, EXPRESS.JS, MONGODB, EJS, RESPONSIVE WEB DESIGN

- Designed a URL shortening platform enabling users to create and manage shortened URLs efficiently.
- Integrated robust user authentication, enhancing security and control over link management.
- Optimized **RESTful APIs** facilitating seamless **CRUD** operations with response times under 200ms.
- Utilized **MongoDB** for dynamic data storage, ensuring scalability and reliability.

BINGO GRID GAME

REACT, NODE.JS, SOCKET.IO

- Created a real-time, interactive Bingo game allowing users to play with friends through a seamless invitation system.
- Leveraged **Socket.IO** for real-time, bi-directional communication between client and server, ensuring minimal latency.
- Executed a user-friendly interface with **React.js**, enhancing engagement and ease of use.
- Conducted thorough testing to ensure smooth gameplay and handle edge cases effectively.

ACHIEVEMENTS

- Member at Google Developer Student Club.
- Participated in SIH Hackathon, built a farmer buyer contract system.
- Participated in Capture the Flag Hackathon, solved computer security puzzles and challenges.

SKILLS

Languages: JavaScript, C++, Java, HTML/CSS, Python

Technologies/Frameworks: Next.js, Node.js, Express.js, Linux, Git, GitHub, VS Code, Postman, REST APIs

Databases: SQL, MongoDB, Firebase

Other Skills: Data Structures and Algorithms, Networking, Operating Systems, Problem-Solving, Linux System Administration