Vivek Joshi
Full-stack and blockchain developer

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Education _____

Degree/Certificate	Institute/Board	Grade	Year
B.Tech (CSE)	Silver oak university	*9.7*	2020-2024
Senior Secondary	Bright High School, GSEB	*60%*	2019-2020

Skills _____

- **Languages & Programming:** JavaScript, TypeScript, Java, Python, Dart, SQL,Rust, Solidity
- **Frameworks & Tools:** Next.js, React.js, Angular, Flutter, Node.js, Unity 3D, Git, GitHub, Jira, Figma, Canva, VS Code, Android Studio, IntelliJ, PyCharm, Hardhat
- **Other Skills:** Blockchain (Solana, Rust, Anchor, Metaplex, Peaq, Story), MongoDB, PostgreSQL, UI/UX Design, Game Development, Data Science, Power BI, Excel

Experience _____

Full-stack & block chain Developer **The-Ally** *Bangalore, India (Remote)* **05/2025 – Present**

- Working on a full-stack Ethereum-based dApp using Hardhat, ERC-20 smart contracts, Next.js, and Node.js. Responsible for designing and writing smart contracts, integrating them into a scalable web application, and building robust backend systems using Node.js with PostgreSQL and MySQL. Implemented MetaMask wallet integration and authentication on the Next.js frontend to enable secure user onboarding and interactions. Ensured secure contract interactions, efficient transaction flows, and seamless user experiences across the app.

Full-stack & block chain Developer **Skytrade** *USA (Remote)* **09/2024 – 05/2025**

- Worked as a full-stack developer on Solana dApps using Rust, Anchor, and Next.js, integrating secure smart contracts into web and mobile applications.
- Developed multi-wallet functionality supporting Phantom and Solflare using Solana Wallet Adapter in both Next.js and Flutter interfaces.
- Led the development of a cross-platform drone signal verifier on the Peaq Network, managing on-chain logic and UI/UX in Flutter and Next.js.
- Automated backend smart contract interactions using Node.js, streamlining transaction flows and contract execution.
- Enabled NFT minting with Metaplex metadata standards.
- Implemented NFT minting capabilities using Metaplex metadata standards and handled advanced Solana features like lamports, rent exemptions, compute units, and priority fees.

Software Engineer (Freelancer) **DL SSR Infotech** *Delhi ,India (Remote)* **04/2024 – 09/2024**

- Collaborated effectively with a diverse team to achieve project objectives, address product-related issues, and enhance overall service quality.
- Engineered and maintained highly interactive and user-friendly mobile applications using the **Flutter** framework, including projects like a short video app similar to Likee.
- Applied advanced debugging techniques to swiftly identify and resolve critical bugs, significantly enhancing performance and ensuring an optimal user experience across all products. Additionally, leveraged Figma for designing intuitive and visually appealing user interfaces.
- Developed a dynamic and responsive front-end for a web application using **Next.js**, **React.js** enabling users to buy and sell products in a marketplace environment.

ML - AI intern **Edunet foundation** *Ahmedabad ,India* **01/2024 – 03/2024**

- Acquired expertise in a wide range of **machine learning algorithms**, successfully applying them to practical, real-world projects to drive impactful results.
- Developed and trained **deep learning** models on labeled datasets, achieving high accuracy in image recognition tasks, demonstrating a strong command of neural networks.
- Leveraged AI tools to identify key areas for product enhancement, resulting in a **15% increase** in image recognition accuracy within a deepfake-Image detection project.
- Conducted in-depth analysis of complex datasets, extracting critical features and constructing predictive models that significantly improved the accuracy of a recommendation system.

Front-end Developer (Angular) **Ximple Solutions** *Ahmedabad ,India* **06/2022 - 01/2023**

- Collaborated effectively with a diverse team to achieve shared objectives, address product-related challenges, and enhance overall service delivery.
- Engineered and maintained highly interactive and user-centric webpages using the **Angular framework**, with expertise in **HTML, CSS**, and **TypeScript**, resulting in seamless user experiences.
- Applied advanced debugging techniques to swiftly identify and resolve critical bugs and performance bottlenecks, ensuring the optimal functionality and user experience of our ERP web application.

Projects _____

- **Drone Signal Verifier** – Built a cross-platform application to verify drone signals using Peaq Network and Solana. Developed the frontend with Flutter (mobile) and Next.js (web), and automated backend logic for wallet integration and smart contract execution.
- **Multi-Wallet Solana dApp** – Created a decentralized application supporting multiple Solana wallets (Phantom, Solflare, Backpack). Developed using React and Next.js, with smart contract interactions optimized for rent exemption, compute units, and priority fees.
- **Deepfake Image Detection** – Developed a machine learning model using Python and TensorFlow to detect deepfake images. Processed large image datasets with MongoDB, achieving high accuracy. Authored a research paper explaining the model's architecture, training, and real-world applications.

- **URL Shortener –** Built a responsive Angular web app that shortens long URLs and supports custom link generation. Utilized Node.js for the backend and Git for version control.
- **Follow the Path Gamze** – Designed a 2D game using Unity and C# where the player navigates levels by following pathfinding indicators. Demonstrated skills in game logic, animation, and UI design.

Certification _____

• **Encode x Solana Rust Bootcamp Q4 2024.**	**01/2025**
• **Google data Analytics -** Coursera	**06/2023**
• **Java script -** Udemy	**05/ 2023**
• **Google Cloud Career readiness** - Google	**04/2023**
• **IBM cloud computing** - IBM	**12/2021**