

# Neeraj Walia

## Technical lead

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### SUMMARY:

Senior software developer with expertise in Web3 and front-end and back-end development, experienced in leading cross-functional teams. Proven track record of delivering high-quality software solutions that meet and exceed client expectations.

### TECHNICAL SKILLS:

- **Web3** - Solidity, Hardhat, Chai, Ethers.js, Metamask, Aave, Uniswap, OpenZeppelin, Chainlink
- **Frontend** - JavaScript (ES6) , ReactJs, Nextjs, jQuery, Bootstrap, Tailwind CSS, Typescript
- **Backend** - Node.js, Express.js, Electronjs, JSON, PHP, Codeigniter, Typescript
- **Database** - mySql, MongoDB
- **API** - REST, SOAP

### EXPERIENCE:

#### Technical lead - Yellow.ai MAY 2022 - PRESENT

- Collaborate with customers, engineering managers, developers and business analysts to ensure timely and high-quality delivery of conversational channels that meet customer requirements.
- Integrate channels with various backend and frontend systems used by customers.
- Design and develop custom chat and voice components, and optimize them for different experiences for voice and chat.
- Leading cross-functional teams and rigorous code reviews to ensure the build is scalable, maintainable, and performant.
- Hands-on experience in API integration (REST/SOAP).
- End to end automation process for a client, significantly reducing wait times from 24-48 hours to receive a document to an almost instant receipt of the document via a voice assistant with a containment rate of 79%

#### Software Developer - Nuvento DEC 2021 - APRIL 2022

- Effectively managed databases for AI chatbots and voicebots, ensuring seamless integration and functionality
- Led end-to-end development of chatbots and voicebots, from ideation to deployment and maintenance.
- Provided comprehensive training to junior web developers, empowering them to make independent updates and changes to internal web functions.

#### Web Developer - Afterdoor Solutions MARCH 2019 - NOV 2021

- Proficiently managed programming for databases and websites using tools, such as PHP, codeigniter, and nodejs
- Conducted research on mysql database to optimize data fetching time through effective query development
- Facilitated the training on internal web functions, empowering them to make changes autonomously
- Successfully resolved website bugs, leading to notable improvements in web functionality and speed.

### PROJECTS:

#### Lottery smart contract - Web 3

##### Tech Stack: Solidity, Hardhat, Metamask, Ethers.js

- Developed a Web3 decentralized lottery system on a blockchain network, specifically on Ethereum
- Enabled participants to purchase lottery tickets using cryptocurrency
- Utilized smart contracts to ensure complete transparency and verifiability of lottery results
- Stored lottery results on a decentralized blockchain network, increasing security and eliminating the possibility of tampering
- Created and executed test cases ensuring that it is fully functional and error-free.

#### File sharing applications - Front End and Back End Development

##### Tech Stack: Node.js, MySQL, Electronjs, JavaScript, jQuery, HTML, CSS, and Bootstrap

- Designed a custom front end using Bootstrap and CSS that is fully responsive to all devices
- Connected the front end to the MySQL database using Node.js to track shared data
- Reduced RAM consumption during large file transfers (over 1TB) by utilizing Node.js pipes
- Implemented real-time charts to share the total amount of data transferred and data in transit

### EDUCATION:

#### Panjab University, Chandigarh July 2015 to May 2018

Bachelor's Degree in Computer Application