

# Jagadeesh B

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## Skills

- Rust | Solidity | Ethereum | Polygon | ethers.js | Hardhat | web3.js | TypeScript | JavaScript | Nextjs | React | Node | Express | Postgres | mySQL | MongoDB | C++ | Sequelize | Mongoose | Python | CI/CD | Version Control
- Data Structures & Algorithms | CDN | Docker | Kubernetes | AWS | Blockchain | Cryptocurrencies
- Ubuntu | Rocky Linux | CentOS | RHEL | Shell Scripting | Vagrant | Jenkins | Ansible | English, Tamil – All professional proficiency or above

## Experience

### Software Developer

Velocix

Chennai, Tamil Nadu 01/2023 - Current

- I gained hands-on experience in container orchestration using Kubernetes, Rancher, and Helm charts. I successfully deployed CDN appliances and various applications within Docker containers, effectively managing both OpenStack and AWS cloud infrastructures.
- I played a pivotal role in automating tasks and debugging test scripts using Python. I utilised tools like Terraform and Puppet to deliver consistent and immutable infrastructure solutions. Additionally, I managed and improved Jenkins CI/CD pipelines, implementing robust DevOps strategies across Linux and Windows environments, including seamless integration with AWS and OpenStack. My responsibilities also encompassed version control using GIT and Perforce, AWS CLI integration, and automating configurations for different Linux distributions like Rocky Linux, all achieved through Terraform Config Modules.

### Campus Ambassador

IIM Bangalore's Vista

WFH 07/2022 - 08/2022

- **Promoted Vista Events and Initiatives:** Successfully increased event participation and awareness by leveraging social media platforms and campus networks to promote Vista's initiatives, resulting in a significant rise in student engagement and attendance.

## Education

### Bachelor of Engineering

Chennai Institute of Technology

Chennai, Tamil Nadu 06/2019 - 04/2023

- Major in Electronics and Communication Engineering

## Projects

- **NFT Ocean:** your premier destination for discovering, buying, and selling unique digital art on the blockchain. Inspired by the seamless and professional experience of OpenSea, NFT Ocean is designed to provide artists and collectors with a user-friendly, secure, and immersive platform. (08/2024) [Demo link](#) [Repo link](#)
- **Decentralized Lottery App:** It is built on the Ethereum blockchain. It utilises smart contracts to manage the lottery process, ensuring fairness and transparency. Participants can buy tickets, and a winner is selected randomly through the smart contract.. (07/2024) [Demo link](#) [Repo link](#)
- **Personal Portfolio:** This dynamic and responsive portfolio is built using Next.js and Tailwind CSS, designed to showcase my skills, projects, and achievements professionally and interactively. Take a look around and explore my work! (08/2024) [Demo link](#) [Repo link](#)
- **Visualizing Paths:** Finds a path depending on the algorithm from the starting point to an ending point. A path can be blocked by the user using walls. Generate a maze (Randomized DFS) and apply path-finding algorithms to the maze. (03/2021) [Demo link](#) [Repo link](#)
- **Blockade:** Unlike the classic snake game where you control the snake to eat the food, here you are the food. You take control of the food and try to escape from the snake that's coming to eat you. Here Snake uses a path-finding algorithm to find the shortest path to the location of the food and follows it avoiding any obstacles in between, it also grows in length over time. (07/2021) [Demo link](#) [Repo link](#)

## Achievements

- **Problem-solving:** Solved overall 2000+ problems in various online coding platforms and participated in over 500 contests.
- **Leetcode:** Secured AIR 41 and Global Rank 79 in Leetcode Biweekly Contest 80 out of 21,000 participants.
- **CodeChef:** Secured Global Rank 145 in CodeChef Starters 76 Division 4(Rated) out of 19655 participants.
- **HackerRank:** Got a Gold Badge in C++, C, SQL, and Algorithms and got a problem-solving certificate at hackerrank.