

# Jagadeesh B

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## Skills

- C++ | C | Java | JavaScript | TypeScript | CI/CD | MySQL | Nodejs | Express | React | Angular | TailwindCSS | Agile | jQuery | NoSQL | Git | OOPs | Competitive Programming |
- Data Structures & Algorithms | CDN | Cloud Computing | Docker | Kubernetes | AWS | Terraform | Nightwatch | Software Testing | Lambda
- Ubuntu | Rocky Linux | CentOS | RHEL | Shell Scripting | Vagrant | Jenkins | Ansible | Grafana | Prometheus | Full-Stack | 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 utilized tools such as 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.

### Problem Setter, Intern

CodeChef

WFH 01/2022 - 11/2022

- Provided content based on data structure & algorithms, competitive programming and problem-solving.
- guided students to improve their rating and performance in competitive programming.

## Education

### Bachelor of Engineering

Chennai Institute of Technology

Chennai, Tamil Nadu 06/2019 - 04/2023

- Major in Electronics and Communication Engineering

## Projects

- **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) [Try it here](#)
- **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) [Try it here](#)
- **Wireless Remote Controller for Traffic signals (Final year project):** To control the traffic during peak hours and dominate the traffic jams and accidents by clearing the traffic without manpower. It makes a traffic policeman easily and effectively control a road junction with a wireless remote control. (01/2023)(Currently working on it)
- **Fully Responsive Modern Full-Stack E-commerce Web Application:** It has a modern design, animations, the ability to add and edit products on the go using a CMS, all advanced cart functionalities, and most importantly complete integration with a stripe so that you can cover real payments. (06/2022)
- **Airline Reservation System:** this is a feature-rich and user-friendly platform designed to simplify flight booking and management. This open-source project empowers travelers airlines and developers with a comprehensive solution for planning reserving and tracking flights seamlessly.. (02/2022)[Try it here](#)

## Achievements

- **Problem-Solving:** Solved overall 2000+ problems in various online coding platforms and participated in over 500 contests.
- **Google Kickstart:** Accomplished AIR 243 and a Global rank of 461 ( Top 2.2 percentage) participants in Google Kickstart Round C 2022.
- **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 Gold Badge in C++, C, SQL, and Algorithms and got a problem-solving certificate at hackerrank.