

# YASHVARDHAN C. N.

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## SUMMARY:

A disciplined professional, experienced in projects related to **web, big data, machine learning** and **cloud technologies**. Former software engineer at **CISCO Systems** and a freelance developer. Having the ability to deliver high-quality software solutions on time and to lead, manage and work with cross-cultural teams.

## SKILLS:

- *Languages:* **Python, JavaScript, TypeScript, SQL.**
- *Web:* **React.js, Next.js, Express.js, Redux, HTML5, CSS3, Bootstrap, Tailwind CSS, Jasmine, Jest.**
- *Data:* **Confluent Kafka, MongoDB, PostgreSQL.**
- *Cloud and Artificial Intelligence:* **AWS Services, OpenCV, Keras, Scikit-learn.**
- **Git, BitBucket, OOPS, Data Structures, System Design, Postman.**
- **Soft Skills:** Leader, Agile Learner, Persistent, Adaptive, Humble, Collaborative, Communicative, Multi-lingual.

## EXPERIENCE:

- **CISCO Systems: Software Engineer** **Jan 2021 – Nov 2021**
  - Part of the **financial reporting team of CISCO** as a software developer, developing big data and web applications.
  - Developed a **Kafka consumer for data retrieval** using Python, Kafka, and PostgreSQL, optimizing the transfer of **1 million** data records in **130** seconds thereby **saving time and cost** for the team.
  - Developed a **dashboard web application for POC** using ReactJS to **upgrade** from Angular to React.
- **Freelance Developer** **Dec 2021 – Aug 2024**
  - **4U Academy:** Designed and created a **web application for an Ed-tech startup** using ReactJS.
  - **Personal Freelance:** Developed a **AI integrated web application** using HTML, CSS, Bootstrap, Keras-Tensorflow, and Python-Flask to predict **10** tomato leaf diseases with a prediction accuracy of **87%**.
- **Break: Family Business** **Dec 2021 – Aug 2024**

## PROJECTS:

- **E-commerce website**
  - Full stack website using MERN, with features such as creating products, user authentication, products searching, checkout process, private routes for admin, user profile management, pagination,
  - **Tech:** React.js, Redux-toolkit, MongoDB, Express.js, JSON Web Token and Bootstrap.
- **Food Delivery Website**
  - Full stack website with features such as searching restaurant, adding to cart, checkout and stripe payment gateway, user authentication using Auth0, create and manage restaurant, order status tracking etc.
  - **Tech:** React.js, Express.js, Node.js, MongoDB, Auth0, Stripe, TypeScript, Shadcn, Tailwind.
- **Hand gesture recognition system.**
  - A 2D vision-based system, having the ability to classify images in complex varying lighting conditions and background. It is trained on a self created dataset with 24,000 image and has 93% classification accuracy.
  - **Tech:** Python, OpenCV, OpenCV, Scikit-learn, Scikit-Image and SVM classifier.
- **Geolocation system:** A real time geo-location tracking system using GPS module, Arduino, Firebase.
- **Authentication Website:** User authentication, add and edit profile functionality using MERN and JWT.
- **Amazon website Clone:** E-com website frontend using HTML, CSS , Vanilla JS and Jasmine for testing.
- **YouTube Clone:** A static frontend website using HTML, CSS only.

## EDUCATION:

- Siddaganga Institute of Technology, **B.E.** in Electronics & Communication - **8.62 CGPA**

## LEADERSHIP AND ACCOMPLISHMENTS:

- **Published 3 research papers in IEEE and Springer ([LINKS](#)).**
- **Vice Chairperson at IEEE SIT Student Branch:** Strategically led a cross cultural **team of 117** people in coordinating national-level events **during Covid-19**, engaging **1000+** participants. Managed **10+** workshops, hackathons, competitions. Led the design, marketing and sponsorship team for 3 straight years.
- **Basketball player:** Secured **1<sup>st</sup> place** representing college in Central Zonal VTU Tournament 2018-2019 and represented Chikmagalur 2 times in **State Level** Basketball Competitions.

## CERTIFICATIONS:

- **AWS cloud practitioner essentials - Coursera.**
- **CCNA Certification – CISCO.**
- **Python Certification - OpenEDG Python Institute.**