

# Chodavarapu N V Avinash

[LinkedIn](#) | [Github](#) | [Leetcode](#) | [Coding Ninjas](#)  
 avinashiniitdwd@gmail.com | 7569139975 | GURGAON,INDIA

## EXPERIENCE

### SAMSUNG DATA SYSTEMS | FULL-TIME | MAY 2022 - PRESENT | GURUGRAM,INDIA

#### FRONT-END JAVASCRIPT | Vue.js

- Developed reusable Vue.js components for the Samsung library, promoting maintainability and accelerating future web development projects.
- Developed a performant canvas-based website using Konva.js, expertly managing 1,000-5,000 objects while collaborating to optimize code efficiency and significantly reduce memory usage.

#### BACK-END PYTHON | FASTAPI

- Spearheaded the implementation of rate limiting techniques, effectively mitigating common security vulnerabilities and safeguarding sensitive user data, resulting in enhanced API security and customer trust.
- Collaborated with frontend teams to architect database models using ORMs (e.g., SQLAlchemy), facilitating seamless data exchange and accelerating application development.

#### Innovation & Process Optimization

Engineered a game-changing Windows batch file that automated project setup processes, driving a 60% increase in team efficiency and saving an impressive 5+ hours during setup.

### SAMSUNG DATA SYSTEMS | INTERN Feb 2022 – May 2022 | Gurugram, India

- Implementation of Data Structure & Algorithms efficiently which increased productivity

### CLOINTFUSION LLC | INTERN

Feb 2021 – July 2021 | Vadodara, Gujarat

- Implemented and deployed software bots (using Python) to automate routine tasks, reducing an hour of manual effort daily
- Contributed new features in the browser, excel, and windows to the clointfusion library

## PROJECTS

### FARM EASY Flutter| Dart | Python | RPA | ML

- Launched Android App which allowed users to get more effective results, leading to an 85% increase in accuracy of groundwater level prediction for 10 years and 75% visualization of water bodies in India.

### PHISHING WEBSITE DETECTION Flask | Python | RPA | ML

- Built a simple web app using Flask that identifies phishing websites, making the internet safer.
- Used machine learning to improve detection accuracy, with easy-to-use features for users.

## SKILLS

### PROGRAMMING

#### Languages:

- Advance: Python
- Intermediate: C,Java,C++, Javascript, GO Lang

#### Tools:

- Git • Linux • Windows
- Spring Tool Suite

#### Framework & Library:

- Spring Boot • Vue.js
- React.js • Fast API

#### Technologies:

- CSS • HTML • SQL • MongoDB

#### Cloud Platforms:

- AWS

### OTHERS

- Video Editing
- Photography

## EDUCATION

### IIIT DHARWAD B.TECH IN COMPUTER SCIENCE Grad. May 2022

## ACHIEVEMENTS

### COMPETITIVE PROGRAMMING

- I received a rating of 4 stars on Codechef, which is an achievement that demonstrates my proficiency in solving problems
- Cleared up Samsung Advanced programming test

### ON-SIGHT EXPERIENCE

- As a newbie I got the experience of working closely with clients, as part of this I went on-site for a knowledge transfer to SAMSUNG HQ.