

# VINSHA K

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## FULL STACK DEVELOPER - PYTHON/MERN

A passionate full-stack developer. I Graduated with a degree in Computer Science and have experience in Python Django and currently concentrated in MERN stack. My journey has led me to specialize in creating dynamic and robust web applications. Excited about the endless possibilities in the world of development, I'm always eager to take on new challenges and contribute to innovative solutions.

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## TECHNICAL SKILLS

**FRONTEND** - HTML, CSS, JavaScript, jQuery, Bootstrap, Tailwind CSS, React

**BACKEND** - Node.js, Express.js, Python, Django

**DATABASE** - MongoDB, PostgreSQL, MySQL

**OTHERS** - Git, Github

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## PROFESSIONAL EXPERIENCE

**Cyber Square AI and Robotics Pvt Ltd**

**2024 - Present**

### Software Trainer Trainee

As a Software Trainer Trainee, I am responsible for delivering technical training to interns in Python with Django and the MERN stack (MongoDB, Express.js, React.js, Node.js). I facilitate hands-on sessions, provide guidance on real-time projects, and support the academic coordination team.

Accomplishments:

- Trained and mentored interns on full-stack development using React, Node.js, Express, and MongoDB through live coding sessions.
- Delivered structured training programs on Python, progressing from core concepts to advanced Django-based web development.
- Developed practical mini-projects and internship assignments to simulate real-world application development.
- Conducted doubt-clearing sessions and batch-wise support to ensure learning consistency and project completion.

**Cyber Square AI and Robotics Pvt Ltd**

**2023 - 2024**

### Mern Stack Developer - Intern

Successfully completed a 6-month internship focused on MERN stack technologies including MongoDB, Express.js, React.js, and Node.js. Gained hands-on experience in full-stack web development through real-world projects and assignments.

Accomplishments:

- Designed and implemented dynamic web applications with responsive user interfaces and robust backend integration.
- Collaborated with the development team to build, test, and deploy modular full-stack features.
- Utilized React.js to build user-friendly frontend components with state management and routing.
- Developed RESTful APIs using Node.js and Express, and connected them to MongoDB for efficient data storage.

**Python Full Stack Developer- Intern**

Successfully completed an internship focused on Python Fullstack technologies, including Python, Django, PostgreSQL, HTML, CSS, and JavaScript. Gained hands-on experience in full-stack web development through real-world projects and assignments.

**Accomplishments:**

- Built responsive web pages using HTML, CSS, and JavaScript.
- Developed backend functionality and RESTful APIs using Django.
- Integrated PostgreSQL database for storing and managing application data.
- Used Git and GitHub for version control and team collaboration.

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**PROJECTS****1) LAVENTA – Online Shopping Website**

- Developed a full-featured e-commerce site using Python Django.
- Frontend: Built with HTML, CSS, Bootstrap, JavaScript, and Django templates.
- Backend: Handled routing, authentication, and business logic using Django.
- Used PostgreSQL for secure product, user, and transaction data management.

**2) FOODIE – Food Delivery App**

- Created a food delivery app using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Frontend: Used React.js with CSS/Tailwind CSS for a responsive UI.
- Backend: Developed APIs with Node.js and Express.js.
- MongoDB handled user profiles, orders, and restaurant data.

**3) IDURAR – ERP/CRM Web Application**

- Contributed to an open-source ERP/CRM system for managing business resources.
- Frontend: Built with React.js, structured using HTML and CSS.
- Backend: Powered by Node.js and Express.js for server-side logic and APIs.
- MongoDB stored user data, inventory, and customer records efficiently.

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**EDUCATION****CALICUT UNIVERSITY**

DAYAPURAM ARTS AND SCIENCE COLLEGE (WOMEN)

Bsc Computer Science

2020 - 2023

**RAHMANIYA VOCATIONAL HIGHER SECONDARY SCHOOL**

Computer Science

2018 - 2020

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**CERTIFICATIONS**

OTHM Certificate for Python Full Stack Add-On Program - 20 June 2023

ORAY Education Certificate for Python Full Stack Add-on Program - 20 June 2023

ORAY Education Certificate for MERN Stack Development - 24 January 2024