



VASANTH S

Aspiring Software Engineer

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<https://github.com/VASANTH3105>

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SUMMARY

Enthusiastic software engineer with a background in software development and a keen interest in UI/UX design, web development, front-end development, computer vision, and time series analysis. Eager to contribute to a dynamic, team-oriented environment, leveraging my skills to drive innovation and provide valuable solutions in IT field. Committed to excellence, I bring a passion for crafting user-centric experiences and a proven track record of successful project implementations. Ready to contribute my expertise and collaborate with like-minded professionals to achieve organizational success.

AREA OF INTEREST

- Web Development
- UI/UX Designing
- Front End Development
- Computer Vision
- Computer Networks

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

- C (Intermediate)
- C++ (Intermediate)
- JAVA (Intermediate)

WEB DEVELOPMENT

- HTML (Advanced)
- CSS (Intermediate)
- JavaScript (Intermediate)
- React Js (Intermediate)
- Material UI (Intermediate)
- Bootstrap (Intermediate)
- SpringBoot (Beginner)

TOOLS

- Figma, Canva, Sketchbook
- VS code, Sublime, Eclipse
- Jupyter Notebook, Google Colab
- IntelliJ Idea
- OS: Windows & Ubuntu

TRAININGS AND CERTIFICATIONS

- **SAP**, Get Starting with UX
- **SIMPLILEARN**, ReactJS for Beginners
- **CISCO CCNA**, Introduction to Networks
- **CISCO CCNA**, Switching, Routing, and Wireless Essentials
- **NVIDIA**, Getting started with Jetson NANO
- **UDEMY**, Git for Beginners
- **SOLOLEARN**, Responsive Web designing.

EDUCATION

2021-2025 **B.Tech Information Technology**

Current CGPA 8.74 (Upto 5th Semester)
Bannari Amman Institute of Technology,
Sathyamangalam, Erode,
Tamil Nadu, India.

2020-2021 **HSC (12th Grade)**

86.14 %
Nyruthi Vidhya Bhavan Matric Hr. Sec. School,
Tirupur,
Tamil Nadu, India.

2018-2019 **SSLC (10th Grade)**

80.6 %
Nyruthi Vidhya Bhavan Matric Hr. Sec. School,
Tirupur,
Tamil Nadu, India.

INTERNSHIPS

Industry name: CODEBOOSTERS

Duration: Dec 2023 - Jan 2024

Key Responsibilities:

- Intern in the specialization of Web technology.
- Build Websites using HTML, CSS, JavaScript, Bootstrap,

ACHIVEMENTS

Ideation challenge 2023

Organized by **L&T Edutech**

- Finalist as top 7 teams in Ideation Challenge 2023 all over India.
- This innovative approach was to generate ideas to modernize the Power System and distribution.

Moments'23

Organized by **NIT Trichy**

- Participated and secured second Runner-up in Moments'23 NIT Trichy [Paper Presentation].

BITSHACK

Organized by **BIT**

- Participated and Secured Best android app design special mention award.
- Won: Rs 3000/-

CO-CURRICULAR ACTIVITIES

PATENT

Published a Patent on "Smart sunglasses for Visually Impaired Peoples" on 02/11/2023 at Indian Patent Office

PAPER PRESENTATION

ICAET 2022 Second International Conference
Organized by: **RSP CONFERENCE HUB**
Paper Topic: Smart glasses for visually impaired people using Raspberry-pi

IEEE PAPER PUBLICATION

Paper Topic: Computer Vision for Custom object detection and obstacle avoidance.
Progress: Under review yet to be published.

TECHNICAL EVENT PARTICIPATION

- **TNSkills**-Web Technology
(shortlisted top **160** all over Tamil Nadu)
- Indian Art Contest 2022 Season 9
(Government of India).
- Web development contest, Eduhub.

HOBBIES

- Figma Designs
- Web surfing
- Photography
- Listening music

LANGUAGES KNOWN

- | | |
|---------------------|-------------|
| • Tamil | (R, W, S) |
| Native or Biliungal | |
| • English | (R, W, S) |
| General proficiency | |

LIVE WEBSITES



GEN-AI API



SYMPOSIUM



ZOHO SalesIQ



WEATHER API

PERSONAL PARTICULARS

Date of Birth: 31/05/2004
Father's Name: Selvam P
Mother's Name: Vijayanirmala S

DECLARATION

I VASANTH S hereby declare that the above mentioned details are true to the best of my knowledge.



Digital Portfolio

PROJECTS

AUTONOMOUS SURFACE WATER VEHICLE

Organized by **ROBONATION**

Position: Software Stream Lead

RoboBoat is a yearly international competition held in Florida, USA

- Design and build a small Autonomous Surface Vehicle (ASV) to complete a variety of tasks.
- Our ASV has to tackle tasks that mimic real-world issues facing the maritime industry.

<https://github.com/VASANTH3105/pymavlink-manual-commands.git>

ARIMA INSPIRED TIME SERIES ANALYSIS FOR POWER PRODUCTION PREDICTION

Organized by **Larsen & Toubro Limited**

- We focused to develop an estimator ML model for solar and wind power production using pre-generated power data and for forecast for future power generation.

[Visit Intedutech Ideationchallenge newsroom page](#)

CYBERHUB ONLINE LMS PLATFORM

Position: Team Leader

Tools used: HTML, CSS, JS, PHP, MySQL, Bootstrap

- A leveraging online based webapp specifically developed for cybersecurity enthusiast. It includes courses, practice section, interactive conversation section, awareness bot with carrier guidance.

[Visit LinkedIn feed](#)

[Github Repository](#)

HEALTHATLAS WITH ZOHO SALESIQ BOT

Position: Team Leader

Tools used: HTML, CSS, JS, ZOHO SalesIQ, ZOHO Bookings

- Our innovative bot is designed to offer expert consultations for cardio, diabetes, and headaches
- Navigate through a wealth of knowledge and discover easy home care remedies.

[Visit LinkedIn feed & WebURL](#)

WEATHER FORECASTING WEBAPP

Position: Design & Developer (Individual)

- Simple lightweight website powered by openweathermap API.

[Visit weather today](#)

UNBITABLE

Position: Design & Developer (Individual)

- Google AI studio **Gemini API** powered webapp for inter college utilities

[Visit LinkedIn feed & website link](#)

[Github Repository \[Private\]](#)

VASANTH S

Place: Sathyamangalam