

# ASTLE LIGO

## FULL STACK DEVELOPER

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### SUMMARY

Dedicated and detail-oriented Full Stack Developer with hands-on experience in MERN stack projects, freelance web design, and real-time applications. Self-taught with a strong passion for continuous learning. Proven ability to lead and collaborate on national-level projects and competitions. Passionate about clean code, intuitive UI, and impactful digital solutions.

### SKILLS

1. **Frontend:** React.js, HTML, CSS, JavaScript, Tailwind CSS, Bootstrap
2. **Backend:** Node.js, Express.js
3. **Database:** MongoDB
4. **Real-Time Communication:** Socket.io
5. **Version Control:** Git
6. **Programming Languages:** Python, Java, C, C++
7. **Other:** API Integration, UI/UX Design, Project Management
8. **Problem Solving:** Data Structures & Algorithms (350+ problems on LeetCode)

### PROJECTS

#### COLLABORATIVE CODING PLATFORM (Final Year Project)

MERN STACK - APRIL

Developed a full-stack real-time code collaboration platform.

2025

- Leveraged React, Node.js, Express, MongoDB, and Socket.io.
  - Integrated Judge0 API for multi-language code execution (Python, Java, C++, etc.).
  - Built a responsive UI with Tailwind CSS featuring version control, live debugging, and error tracking.
- ( Repo Link : [[LINK](#)] )

#### FOOTBALL TOURNAMENT MANAGER

MERN STACK - MARCH

Built a football tournament management web app for event organizers.

2025

- Features include tournament creation, team registrations, match scheduling, and real-time score tracking.
  - Designed a responsive Tailwind CSS-based UI for admins and participants.
- ( Repo Link : [[LINK](#)] )

#### TEJAS WEBSITE (Event Registration & Handling)

NODEJS - MARCH 2025

Designed and developed a dynamic event management platform for an inter-class cultural fest, Tejas-25.

- Built using Node.js, Express.js, Handlebars, AWS EC2 and MongoDB.
- Enabled **4** admins, **38** cultural representatives, and **37** event heads to manage event workflows.
- Processed **700+** participant registrations with live event updates and secure session management.
- Integrated dynamic event rendering and real-time data updates.
- Deployed on AWS EC2 with PM2 and Nginx for production readiness.

( Repo Link : [[LINK](#)] )

#### TREASURE HUNT WEB APP (Hosting a Treasure Hunt Event)

NODEJS - FEBRUARY

Developed a dynamic treasure hunt web app with real-time tracking.

2025

- Built with Node.js, Express, Handlebars, and MongoDB.
- Integrated live leaderboard, admin tracking, and dynamic clue management.
- Deployed on AWS EC2, ensuring high availability during university-wide participation.

( Repo Link : [[LINK](#)] )

#### PORTFOLIO WEBSITE (Mini Project)

HTML, CSS , JAVASCRIPT - AUGUST 2024

Created a personal portfolio website to showcase skills and projects.

- Focused on clean design and interactive features.

(Repo Link : [[LINK](#)] )

DANIL VILOV WEBSITE ( E-Commerce Website)

- Developed an e-commerce platform for a fashion brand.
- Admin panel for product management and customer tracking.
- Built with Node.js, Express.js, Handlebars, and MongoDB.

( Repo Link : [[LINK](#)] )

NODEJS - SEPTEMBER 2023

TREASURE HUNT

- Built a simple interactive website for a treasure hunt event.
- Implemented dynamic clue displays and user-friendly interactions.

(Repo Link : [[LINK](#)] )

HTML, CSS , JAVASCRIPT - AUGUST 2023

EDUCATION

Bachelor of Computer Applications (BCA)

St. Joseph’s University, Bengaluru

- Final CGPA: 7.38 / 10 | Overall Percentage: 68.95%
- Graduated with **First Class Distinction**

Higher Secondary Education (Computer Science Stream)

CVM Higher Secondary School, Vandazhy

- Graduated in 2022 with 86.4% marks

Secondary School Education (ICSE)

St. Francis School, Vadakkencherry

- Graduated in 2020 with 92.4% marks
- Achieved the highest score in Mathematics with 99/100

AUGUST 2022 - MAY 2025

MAY 2022

MAY 2020

KEY ACHIEVEMENTS & LEADERSHIP

1. Solved **350+** problems on LeetCode — focusing on data structures, algorithms, and problem-solving.

2. **Represented St. Joseph’s University** at national-level IT fests and cultural events across **5 different states**, including prestigious institutions like **IIT Bombay, NIT Calicut, VIT Vellore, GEC Goa**, and more — consistently reaching finals and securing wins in multiple events.

3. **Participated in 40+ inter-college national-level IT and cultural events** over 2 years, **securing 25+ awards** across various domains.

4. **Hosted 7+ events and volunteered in over 10 programs** within the university, contributing significantly to student engagement and event execution.

5. Served as the **General Secretary (2023–24) of the Cybernetics Association** (Computer Science Department, St. Joseph’s University), following a year in the **Extended Core Committee (2022–23)**.