ALAN BOSE
WEB DEVELOPER

Pulickapadavil(H),Kannur, Kerala, India

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Final-year BTech Computer Science and Design student with hands-on experience in building web applications using HTML, CSS, JavaScript, and Firebase. Comfortable working on frontend development as well as basic backend features such as authentication and data storage. Seeking an internship or entry-level software/web developer role where I can apply my skills and continue learning in a real-world environment.

SKILLS

- **Web:** HTML5, CSS3, JavaScript
- **Backend (Basic):** Firebase (Authentication, Firestore)
- **Programming:** C, Python, C#(basic)
- **Tools:** Git, GitHub, VS Code
- **Design:** Unity, Blender
- **Core CS:** Data Structures & Algorithms, Problem Solving, Logical Thinking

PROJECTS

CampusResolve – College Complaint Management System

HTML, CSS, JavaScript, Firebase | Live: campusresolve

- Built a role-based web app for registering, tracking, and resolving institutional complaints.
- Implemented Firebase Authentication and Firestore for access control and real-time updates.
- Developed admin-side features for complaint and task management.

SmartAlloc – Budget Planner Web App (Frontend)

HTML, Tailwind CSS, JavaScript | Live:SmartAlloc

- Built a frontend personal finance tracker with income, expense, and budget management.
- Implemented client-side data storage using browser localStorage.

NOVA – Next Gen Opinion and Voting Arena (Final Year Project – Ongoing)

- Designing a secure digital voting system using hash chaining to ensure vote immutability.
- Implementing vote tamper detection with voter identity separation.

EDUCATION

B.Tech – Computer Science and Design

Vimal Jyothi Engineering College, Chemperi

2022 – 2026 | CGPA: 7.04 (Sem 1–6)

Higher Secondary (Class XII)

St. Thomas HSS, Manikkadavu, Kerala

State Board | 93.58% (2022)

Secondary (Class X)

Floweret English Medium School, Ulikkal

CBSE | 71.8% (2020)

CERTIFICATIONS

- Foundations of Coding – Full Stack, Microsoft (Coursera)
- 3rd Place, Vibe Coding Competition
- Python Fundamentals