Shivam Anand

+91-7829738900 | [LinkedIn](#) | [GitHub](#) | [LeetCode](#) | [Portfolio](#) | shivamanand1635@gmail.

EDUCATION

PES University   Bengaluru, India
Bachelor of Technology (B.Tech) - Computer Science & Engineering, CGPA: 8.62   *July 2023 - Present (5th Semester)*

BGS National Public School   Bangalore, India
CBSE - 12th, Passed: 93%   *June 2021 - April 2023*

ACHIEVEMENTS

- Awarded **20% tuition fee waiver** in Semesters 1, 3, and 4 for ranking among the **top 20% of students**.
- Scored **100/100 in Class 12 CBSE Computer Science**, demonstrating strong technical proficiency.

PROJECTS

Fraud-Guard - Fraud Detection Web App | *React, Tailwind, Vite, Python, Flask, TensorFlow*   GitHub
- Developed a full-stack web app to **predict fraudulent transactions** from CSV uploads, enabling real-time risk detection.
- Built **responsive frontend** with React.js, Tailwind, and Vite.
- Implemented **backend with Flask** integrating a TensorFlow/Keras ML model for fraud prediction.
- Provided users with **summarized risk analysis** and actionable insights.

Live: Click Here

WeatherNow - Real-Time Weather Web App | *React, Tailwind, Node.js, PostgreSQL, OpenWeather API*   GitHub
- Developed a full-stack weather app providing **real-time updates** using OpenWeather API.
- Built a **responsive frontend** with React and Tailwind CSS.
- Implemented **Node.js + Express backend** to handle API requests and secure user data.
- Integrated **Google OAuth login/signup** and PostgreSQL database.
- Displayed temperature, humidity, and conditions with a **clean UI**.

Live: Click Here

Dribbl - Secure Real-Time Chat App | *React, Node.js, WebSockets, PostgreSQL, SSL/TLS*   GitHub
- Built a **secure chat app** using custom WebSocket protocol with authentication.
- Implemented **HTTPS with SSL certificates** for secure communication.
- Integrated **PostgreSQL** for persistent storage of messages and user data.

Plogbost - Minimalist Blog Platform | *Node.js, Express, EJS, CSS, JavaScript*   GitHub
- Developed a **minimalist blog platform** with custom text formatting rendered via HTML.
- Implemented **publishing logic** with file-based JSON backend and dynamic routing.
- Integrated **third-party API** for text-to-HTML conversion and responsive UI.

Linux Kernel Module – OS Project | *C, Linux Kernel Programming*   GitHub
- Developed a **loadable kernel module** to spawn a 4-level child process tree with PID logging.
- Implemented **in-kernel DOB-linked list** with custom insertion and cleanup using `kmalloc` and `kthread`.

TECHNICAL SKILLS

Languages: C/C++, JavaScript, Python
Developer Tools: VS Code, Git, GitHub, Postman
Web Development: React.js, TailwindCSS, Node.js, Express.js, Flask
Database: MySQL, PostgreSQL, MongoDB
Certifications: Machine Learning Specialization (**Stanford University**), Full Stack Web Development Bootcamp (**Udemy**)