VITTHAL DAS SRIVASTAVA

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github.com/vitthal012

SUMMARY

Proactive Computer Science student specializing in **UI/UX design, full-stack development, and AI-driven applications**. Experienced in building scalable web and mobile solutions using **React, Next.js, Flutter, and Figma**, with secure backends powered by **Node.js, Express, Supabase, and Firebase**. Passionate about leveraging technology to solve real-world problems in **sustainability, gaming, and social platforms**, with strong problem-solving, adaptability, and collaboration skills.

EDUCATION

VIT Bhopal University	Bhopal, India
Bachelor of Technology in Computer Science - Cumulative GPA: 8.21/10.0	*Aug. 2023-Present*
Central Academy	Prayagraj, India
Senior Secondary (CBSE, Grade 12)	*Apr. 2022-Mar. 2023*
Laurels School International	Indore, India
Secondary (CISCE, Grade 10)	*Apr. 2020-Mar. 2021*

PROJECTS

E-Waste Wise — *github.com/vitthal012/e-waste-wise*
- Developed a sustainability-focused web application to help users assess electronic devices and discover nearby recycling centers.
- Implemented **Next.js Server Actions** with conditional logic to deliver personalized recycling advice.
- Integrated **Google Maps API** for real-time recycling center locations and **Google Gemini API** for AI-driven component insights.
- **Tech Stack: Next.js, TypeScript, Tailwind CSS, Google Maps API, Google Gemini API**

PhaserShooter (Web Game with Leaderboard) — *github.com/vitthal012/space-shooter*
- Designed and built a browser-based game with **real-time score updates** and a persistent online leaderboard.
- Implemented physics, collision detection, and scene management using **Phaser 3**.
- Created a **RESTful backend API** with Node.js/Express and integrated **Supabase PostgreSQL** with Row-Level Security (RLS) for secure data handling.
- Tested scalability with **100+** simulated leaderboard entries to ensure performance and stability.
- **Tech Stack: Phaser 3, Node.js, Express.js, Supabase, JavaScript, HTML/CSS**

Yeti — Social Media App — *github.com/vitthal012/yeti-app*
- Built a cross-platform social media app with **Flutter**, enabling users to post and share thoughts in a clean UI.
- Integrated **Firebase Authentication** for secure, personalized logins and a **real-time database** for instant updates.
- Developed profile pages with dynamic content rendering for a personalized user experience.
- Collaborated with **Figma** to maintain a consistent and responsive design system.
- **Tech Stack: Flutter, Dart, Firebase, Figma**

TECHNICAL SKILLS

Programming Languages: JavaScript (ES6+), TypeScript, Dart, Java, SQL, HTML5, CSS3

Frameworks & Libraries: React, Next.js, Flutter, Express.js, Phaser 3

Databases & Cloud: Firebase (Auth, Firestore, Realtime DB), Supabase (PostgreSQL), Google Cloud APIs

Developer Tools: Git/GitHub, VS Code, Linux CLI

Other Skills: REST API Development, Responsive UI Design, Authentication & Security (RLS, Firebase Auth)

EXTRACURRICULARS & INTERESTS

AI Club Design Team Core Member

Android Club PR & Outreach Team Core Member

Languages: English (Fluent), Hindi (Native)

Hobbies: Chess, Table Tennis, Reading