Vaisakh NP

📞 9990031470 | ✉ vaisakhnp524@gmail.com | 🔗 Linkedin | 🐙 Github | 🌐 Portoflio

Education

Indian Institute of Information Technology, Kottayam	**Aug 2019 – Apr 2023**
Bachelor of Technology - Computer Science and Engineering; SGPA: 8.54	*Kerala, India*
Delhi Public School, RK Puram, New Delhi, India	**Graduated 2019**
Higher Secondary Education; 12th grade: 94%	*New Delhi, India*

Experience

Rivi — **Jan 2023 – Present**
Front End Developer Intern — *Remote*
- Improved UI with modern standards, resulting in 45% more bookings and 30% lower drop-off rates.
- Integrated design libraries into web-based Excel file operations, resulting in a 35% increase in efficiency for handling large datasets.

Technoculture — **Nov 2022 – Feb 2023**
React Native Intern — *Remote*
- Ported a project from BabylonJS to React3Fiber, resulting in a significant reduction in load time from 15 seconds to just 3 seconds.
- Increased the React Native app performance by implementing optimized algorithms by 55%.

Evolvfit — **Mar 2022 – July 2022**
Software Developer Intern — *Remote*
- Developed 5+ reusable components for the mobile app, resulting in a 30% reduction in development time.
- Implemented complex web screen with event handlers and timeouts for reliable data synchronization and improvement of application reliability by 43%.
- Integrated GoogleFit data with Mobile and Web app via API's, leading to a 32% increase in user engagement.

Aero Telecom Solutions — **Oct 2021 – Jan 2022**
Application Development Intern — *Remote*
- Formulated efficient scripts that reduced manual input by 55% for web scraping and automation of data extraction.
- Processed and uploaded 100+ PDF documents to MongoDB using custom-built Python scripts, increasing efficiency by 75%.

Projects

Personal Portfolio | *NextJS, TailwindCSS, TSParticles, Framer Motion, AnimeJS* — **August 2022**
- Engineered responsive portfolio with modular design, reducing load time by 50% and increasing page views by 30%.
- Particles animation library and custom cursor improve user engagement by 25% and decrease bounce rate by 20%.
- Incorporated text animations, increasing session duration by 15% and returning visitors by 10%.

Blog Site | *GraphCMS, GraphQL, NextJS, TailwindCSS* — **June 2022**
- Created a CMS-powered blog site with 90% CRUD functionality for creating, editing, and deleting posts.
- Implementation of JS libraries for formatting and sanitizing content resulted in a 15% reduction in formatting errors.
- Local MongoDB database used for efficient data management, resulting in a 30% increase in data retrieval speed.

Virtual Assistant | *Python PyAutoGUI, Selenium, Speech-Recognition, gTTS, sqlite3* — **November 2020**
- Constructed a Python-based chat bot assistant designed with Material Design components.
- Includes a user-friendly GUI for easy interaction, and is capable of executing basic desktop actions through voice or text commands, improving user efficiency by 20%.
- Advanced features such as sending social media messages through voice commands and a wake-up feature using voice control.

Skills

Languages:	JavaScript, C++, TypeScript, Python, Java, CSS, HTML
Frameworks:	React, React-Native, Node.JS, GraphCMS, Selenium, ThreeJS
Developer Tools:	VS Code, Vercel, Heroku, Firebase, GIT, Google Cloud, Expo-CLI, MongoDB

Profile Links

- Leetcode
- Codeforces
- Codechef
- StackOverflow
- HashNode Blog

Achievements

- AIR 551 in AMC ICPC Mathura-Kanpur Qualifier Round 2022 and 1st in college.
- AIR 647 in Google Hashcode'22
- Global Rank 95 in Codathon'22