Ishant Bhurani

Full-Stack Engineer: React, MERN, Flutter, Internet of Things (IoT), Python

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EXPERIENCE

MentCura — *Software Engineer*

FEB 2024 - PRESENT

- Implemented performance optimizations and UI enhancements, resulting in a 30% increase in app responsiveness.
- Utilized Flutter streams to seamlessly integrate realtime data from Firebase Firestore, reducing data latency by 40% and improving user engagement.

EmbedSolutions — *Embedded Systems Developer & Educator*

SEP 2022 - FEB 2024

- Led and mentored a team of engineers in delivering hands-on workshops on electronics & Arduino across 15+ Delhi schools, increasing student engagement by 25%.
- Guided development of 70+ innovative Arduino projects including home automation systems and gesture-controlled robots, achieving 40% increase in student practical skills.

Self Employed — *Freelance Software Developer*

AUG 2019 - SEP 2022

- Delivered 15+ end-to-end projects maintaining a 100% client satisfaction rate and 90% on-time delivery.
- Engineered native Android applications using Kotlin, implemented Python automation scripts, and developed IoT solutions using Arduino and ESP32.

Eden Smart Homes — *Internet of Things (IoT) Developer*

NOV 2017 - AUG 2019

- Developed the flagship product, a smart home device, resulting in a 50% increase in readiness for market testing.
- Undertook firmware development, implementing various languages and technologies such as C, C++, JavaScript, Mongoose OS, and Firebase, leading to a 30% improvement in device performance and connectivity.
- Created comprehensive technical documentation for patent application.

SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, Python

Frameworks: React.js, Express.js, Next.js, Astro, Flutter

Miscellaneous: Node.js, MongoDB, Redux, Zustand, Axios, TanStack Query, Tailwind CSS, Firebase, Git, RESTful API, Arduino

PROJECTS

Hoot Chat App

https://hoot-chat-app.vercel.app
github.com/i-shant/hoot-chat-app

MERN Chat app with features like authentication, real-time messaging, typing indicators, online status, and optimistic updates. Built with React, TypeScript, Node.js, Express, MongoDB, JWT, Socket.io, TanStack Query, Zustand, TailwindCSS, and more.