Raghav Bhargava

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Professional Summary

Detail-oriented Full Stack Developer with hands-on experience building scalable web applications using the MERN stack. Proven ability to deliver real-time, production-grade systems. Strong in clean coding and cross-functional teamwork.

Technical Skills

Languages: C++, Python, JavaScript, PHP
Frontend: React.js, Next.js, Tailwind CSS, HTML5, CSS3
Backend: Node.js, Express.js, Flask
Databases: MongoDB, MySQL
Tools: Git, Docker, Judge0, Postman, Razorpay API

Education

BCA, IKGPTU, Punjab
Sept 2022 – May 2025

Achievements

• 2nd Place - GNA Hackathon 3.0

• Gold Medal - Shot Put & Bronze - Discus

• Winner - Game Mania (Gaming Competition)

Languages

English (Fluent), Hindi (Native), Punjabi (Native)

Core Competencies

Full Stack Development, REST APIs, Responsive UI, Git, Agile, Communication

Projects

Code Of War — *Next.js, MongoDB, Judge0, Socket.io, Flask, Docker, Node.js*

• Developed a gamified coding platform with live code execution, Friendly coding battles, and problem-solving contests.

• Implemented real-time WebSocket-based communication and scalable backend execution using Dockerized Judge0.

• Tried to fill two gaps we encountered during our own competitive coding journey, making it interesting by gamifying it and by making competeting with friends or hosting tournaments and contests at variable scale possible.

Feedback System — *MERN, MySQL, Nodemailer, Chart.js*

• Developed a role-based academic feedback collection and analysis platform.

• Used token system for generating a time-bound feedback form, sent to designated students via email using nodemailer, stored the average and weighted(depending on student's academic performance) results and comparing and visually displaying using chart using chart.js

• Absence of a good feedback system in our college. Wanted to add more weight to better students. Including all aspects of teaching in form. Easier for students to fill just by rating system.

DisasterSHIELD — *Next.js, Flask, Python ML, MongoDB, Razorpay, Leaflet.js*

• Built a disaster prediction and resource mapping platform; awarded 2nd prize in national hackathon.

• Integrated ML models for climate-based disaster prediction and donations via Razorpay, chatbot using hugging face API and resource mapping using leaflet JS library

• Predicts beforehand to alert authorties, provides assistance using chatbot, locates nearest food,health or shelter resource, and helps with donations for disasters all in one place.

FundBay — *Next.js, Tailwind CSS, Razorpay API*

• Built a crowdfunding app with live Razorpay integration and user-friendly UI.

Other Projects: Todo List, BitTree, Password Manager, Online Forum, URL Shortener, House Price Predictor, Snake/Pong Game, Spotify Clone