Rohaz Bhalla

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GitHub | LinkedIn | X | LeetCode

PROFESSIONAL SUMMARY

Software Developer specializing in full-stack web development and AI automation. Experienced in building scalable applications using MERN Stack, Next.js, and Python. Skilled in creating automation workflows with LangFlow and real-time systems using WebSockets. Strong foundation in Data Structures and Algorithms with proven hackathon success.

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, Python
Web Technologies: MongoDB, Express.js, React.js, Node.js, Next.js, Socket.io, Tailwind CSS, Bootstrap
Databases: MySQL, PostgreSQL, MongoDB
AI & Automation: n8n, LangFlow, LangChain, AI Agents
Core CS: : DSA, DBMS, Operating Systems, Computer Networks, Software Engineering, AI, ML
Tools: Git, GitHub, Bun, Docker, Postman, Linux(Basics)

EDUCATION

Bachelor of Technology in Electronics and Computer Engineering Sept 2022 – Present
Guru Nanak Dev University, Amritsar *CGPA: 6.12*

PROJECTS

CLI-Based Coding Agent | *Bun,TypeScript, shell, AI, CLI* GitHub
- Developed AI-powered coding agent automating code generation, debugging, and refactoring tasks from terminal

Air Piano | *React, Handpose, Tensorflow* GitHub
- Developed a web-based virtual piano using React.js and TensorFlow Handpose, allowing users to play chords with hand gestures. Implemented real-time chord detection, multi-finger support and visual feedback, enhancing interactive learning and music experience

Job Finder Automation | *LangFlow, AI Agents* GitHub
- Created intelligent job application system that automatically searches, filters, and applies to job postings

CrossDrop | *Socket.io, WebSockets, Bun* GitHub
- Engineered real-time file sharing platform with chat functionality supporting multiple concurrent users

PROFESSIONAL EXPERIENCE

Team Lead, Web and Design 2023 – Present
Guru Nanak Dev University *Amritsar, Punjab*
- Led team in developing event websites and departmental platforms; won 1st prize for college fest platform

Software Development Intern 2023
Veenus Mind Media *Remote*
- Developed e-commerce application with CRUD operations, user authentication, and shopping cart using MERN Stack

Open Source Contributor Oct 2024
Hacktoberfest *Remote*
- Fixed backend bugs and enhanced features across multiple open-source repositories

Developer Cohort Participant 2023
StatusBrew *Amritsar, Punjab*
- Completed intensive training in industry workflows, agile methodologies, and collaborative development

ACHIEVEMENTS

HackerWrath Hackathon: Top 5/60 teams - Built real-time file sharing platform using Socket.io
StatusBrew Hackathon: Finalist - Developed women safety app with live location tracking using Leaflet.js
College Competition: 1st Prize - Created event registration and scheduling web platform

CERTIFICATIONS

MERN Stack Development | Data Structures & Algorithms in Java | SQL