

# GURKIRAT SINGH

Front-End Architecture • Back-End Development • Full-Stack Development • Coding / Programming • Web Development

## PROFILE SUMMARY

Talented and efficient Full Stack Developer with a strong zeal in application layers, presentation layers, and databases; adept in building and optimizing user-focused websites and applications, thus leveraging creativity when crafting effective websites, apps, and platforms to propel competitive advantage and revenue growth

## KEY DELIVERABLES

- Gained hands-on expertise in building **full-stack web applications** using the **MERN stack** (MongoDB, Express.js, React.js, Node.js) and **Next.js** (Full stack), with a **strong focus on responsive design and UI development using Tailwind CSS**.
- Experiences in all phases of **SDLC like Requirement Analysis, Implementation, and Maintenance**, with extensive experience with Agile and Scrum
- Skilled at programming in various languages such as **Python, JavaScript, and React.Js** on Windows, Linux, and Android.
- Proficient in developing web pages using **HTML/HTML5, CSS/CSS3, JavaScript, React JS, and Redux**.
- Proficient in both **front-end and back-end development** with expertise in **HTML, CSS, JavaScript, React, Redux, Node, Express, and SQL/MySQL/MongoDB**, with a passion for delivering quality code, collaborating with cross-functional teams, and staying up to date with emerging technologies.
- Experienced in managing databases with **SQL and MySQL**, as well as **MongoDB** to manage tables, views, indexes, sequences, stored procedures, functions, triggers, and packages.

## WORK EXPERIENCE

### Hawk QA Software Solutions

Jun 2023 – Jul 2023

#### Web Design – Industrial Training, Ludhiana, Punjab

- Dealt with real-world projects and developed 3 responsive web projects using HTML, CSS, and Bootstrap
- Developed robust project presentation skills
- Prepared and presented 5 project requirement documents (DOUs), thereby leveraging interactions between development and client teams

## PROJECTS

### ChatFlow – One-Click Chat Integration

Launched at: [chatflow-rouge.vercel.app/](https://chatflow-rouge.vercel.app/)

Developed a customizable chat support system that integrates seamlessly into any website with a single click.

**Technologies Used:** Next.js, MongoDB, Framer motion, Tailwind CSS, Web Sockets and Pusher.

- Implemented a one-click chat integration process using serverless functions, simplifying setup and reducing onboarding time by 70%.
- Created a real-time chat system with a responsive user dashboard for managing live conversations, enhancing user engagement.

### Gaming Platform

Launched at: [stake-ten-steel.vercel.app](https://stake-ten-steel.vercel.app/)

Created a comprehensive gaming platform to help users engage in various games using virtual points.

**Technologies Used:** React, Nodejs, Express, MongoDB, Tailwind CSS, Redis, and Redux

- Assisted with games like Mines and Plinko by using advanced algorithms considering over 10 parameters, like previous winnings and total profit/loss, thus ensuring results were fair and strategically influenced.
- Added animations to boost user interaction, thus leading to a 25% increase in engagement and a more immersive gameplay experience.

### AI Web Builder

Launched at: [ai-web-builder-iota.vercel.app/](https://ai-web-builder-iota.vercel.app/)

Designed an AI-driven website builder offering adaptive content generation and customizable templates.

**Technologies Used:** React, Nodejs, Express, MongoDB, Tailwind CSS, Redis, Redux, and Gemini API.

- Integrated AI algorithms for automated content creation and page generation, thereby accelerating setup times by 40%.
- Optimized user-driven deployment process, thus ensuring 3x faster website launches
- Facilitated real-time previews for immediate updates during customization, thus improving user design efficiency by 50%.

## CONTACT DETAILS



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## EDUCATION

- **Diploma in Computer Science Engineering** from Guru Nanak Dev Polytechnic College, Ludhiana, Punjab, 2024
- **High School in Science (PCM)** from Guru Nanak Public School, Ludhiana, Punjab, 2022

## KEY SKILLS

- Software Development Life Cycle Management
- Code Debugging
- Coding/Programming
- Front-End & Back-End Architecture
- Performance Optimization & Features Development
- Application Development & UI Designing
- Web Development
- Project Management
- Stakeholder Communication
- Client Engagement

## TECHNICAL SKILLS

Frontend:

- HTML, CSS, JavaScript
- Next.js, React, Redux
- Tailwind CSS, Bootstrap

Backend:

- Node.js, Express, RESTful APIs

Databases:

- MongoDB, MySQL, Redis

DevOps & Tools:

- Docker, Postman
- Git, GitHub, Webpack

Other:

- Testing, Debugging, Performance Optimization