SYED HASSAN HUSSAIN SHAH

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Links

GitHub: github.com/SyedHasanHussainShah | **LinkedIn:** linkedin.com/in/syed-hassan-shah-a3351b2b5

Summary

BSc Computer Science student (CGPA 3.38) with experience delivering 6+ production-ready web apps. Skilled in React/Next.js, Node.js/Express, and MongoDB, with additional expertise in integrating AI models and Web3 technologies. Adept at building responsive, scalable, and secure applications from design to deployment.

Technical Skills

TECHNICAL SKILLS
Languages: JavaScript, Python, C++, C#
Frontend: React, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap, ShadCN UI
Backend & APIs: Node.js, Express, REST API design, authentication
Databases: MongoDB (NoSQL), Oracle/MySQL (SQL)
Tools & DevOps: Git, GitHub, Vercel, GitHub Pages, VS Code
Other: TensorFlow, OpenCV, ethers.js, MetaMask

Experience

Freelance FullStack Developer | 01/2023 - Present

- **Full-Stack Development:** Built & deployed responsive apps using HTML, CSS, JavaScript, React, Next.js.
- **Projects:** Spotify Clone, Weather Dashboard, Transpomate App, Islam 360 AI, Drive Sense, ChainWallet DApp.
- **Frontend:** Tailwind CSS, ShadCN, Aceternity UI, Bootstrap for modern, mobile-friendly UIs.
- **Backend & APIs:** Node.js, Express.js, MongoDB with REST API integration.
- **Ai:** Trained AI models (Python, TensorFlow) and integrated with Flask.
- **Software Development:** Desktop & console apps in C# and C++, strong in DSA.
- **Deployment & Version Control:** Vercel, GitHub Pages, Git/GitHub.

Projects

Islam 360 — *React.js, Vite, Tailwind CSS, Node.js, Axios, Custom Hooks, Context API*

- Developed and deployed a **full-featured Islamic utility app** (prayer times, offline Qibla, duas/azkar, Tasbih counter, 99 Names of Allah, custom settings).
- Integrated an **AI chatbot** trained on Islamic content for contextual Q&A; deployed to **Vercel** for fast global access.

Train Reservation System — *HTML, Bootstrap, Tailwind CSS, JavaScript, DB Integration*

- Built a **responsive booking platform** with real-time train data, secure ticket booking/cancellation, and user account management.
- Added **payment integration** and automated travel reminders; optimized for mobile devices.

ChainWallet DApp — *HTML, CSS, Tailwind, JavaScript, ethers.js, jsPDF, QRCode.js, OTPAuth, Web3*

- Created a **decentralized crypto wallet** with MetaMask integration, ETH/contract transfers, and categorized transaction history.
- Implemented **2FA security**, contact book, and PDF/QR export; supported **multi-network compatibility**.

Drive Sense AI — *HTML, Tailwind CSS, Bootstrap, Python, Flask, AI Dataset Training*
- Created an AI-powered driving analysis tool achieving 92% hazard detection accuracy.
- Delivered adjustable sensitivity alerts and PDF/video-based reports using **Flask** backend and trained ML models.

Education

University of Engineering and Technology Lahore **| Gujranwala
| BSC Computer Science |** 12/2027

Punjab colleges **| Gujranwala
| FSC Pre Engineering |** 12/2023

Certificate

Web Development Certificate – CodeWithHarry *(2024)*