RAJVEER SINGH SAINI

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EDUCATION

Birmingham City University, Birmingham, UK   *Expected : September 2024 – June 2027*
*Computer Science specialized in **Artificial Intelligence** w/ Industrial yr.*   *CGPA: 8.0*
Suyash Convent and Jr. College, NGP, MH, India (10th | 12th Standard)   *Completed: June 2021 – April 2024*
Subjects:- Computer Science, English, Mathematics, Physics, Chemistry   *Result:- 92.00% | 75.50%*

TECHNICAL SKILLS

- **Languages:** Python, JavaScript, TypeScript, Java
- **Web & Frameworks:** React.js, Node.js, Express.js, Spring, JDBC, Tailwind
- **Data & AI(Python):** NumPy, Pandas, Seaborn, Matplotlib, PyTorch, TensorFlow, Basics of Neural Networks and Deep Learning
- **Tools:** Git, VS code, IntelliJ IDEA, Figma, Adobe Editing Software's (Basics), n8n
- **Cloud & DevOps:** Docker, AWS, AZURE
- **Databases:** SQL(MySQL, PostgreSQL Basics), NoSQL(MongoDB)
- **Familiar with:** Web3, Linux

PROJECTS

Fair Work Force AI Sustainability:- GITHUB REPO LINK   SKILLS USED:- WEB DEV. WITH TYPESCRIPT, AI ML, GIT & GITHUB
Developed an AI-driven system to identify, quantify, and mitigate bias in workforce datasets across hiring, performance evaluation, and promotion decisions. Implemented fairness-aware machine learning techniques, bias evaluation metrics, and model comparison workflows to improve equity and transparency in AI-assisted decision-making.

All-See-UKFinnovator Hackathon Project:- LIVE DEPLOYED WEBSITE   SKILLS USED:- PERN STACK, FULL DEPLOYMENT, USE OF LLM'S
AllSee CRM is a robust Customer Relationship Management and Device Management system designed specifically for the Digital Signage industry. It facilitates complex hierarchical relationships between Resellers, Parent Organizations, and Child Sites, enabling efficient management of device assets, software licenses, and renewal workflows.

Ecological Balance Token (EBT) System / (NCOR) Platform Blockchain (On-going): Designed a blockchain-based platform that assigns digital Carbon Credits and CO_2 Deficits to corporations using real-time oxygen and emission indices. Built a secure, transparent token marketplace to support net-zero compliance and emissions reduction. The scalable system promotes data-driven environmental accountability and will expand to public carbon credit trading on the Ethereum blockchain.

WORK EXPERIENCE

Startup Collaborator (Equity Holder) Bettr Social — Early-stage startup (Hackathon spin-off)   *February 2026-Present*
Awarded 0.5% equity after winning a startup hackathon and currently collaborating with the founding team on idea validation, feature brainstorming, and overall product direction. Involved in early technical and strategic discussions, with potential contribution to future development and system design as the product evolves.

Visiting Demonstrator of Website Design and Development*(Birmingham City University)*   *September 2025-Present*
As a Visiting Demonstrator of Website Design and Development, I helped **40+ students, web design and development**. Teaching **Figma** and basic design principles, and will soon cover **HTML, CSS,** and **JavaScript**. I provide guidance on projects, offer insights into web development practices, and encourage students to explore creative and practical solutions.

Teaching Intern of Computer Science*(BCTSA-Stuart Bathurst Catholic School)*   *June 2025-July 2025*
Completed a Computer Science school internship, teaching Python to Years 9–11, explaining app and web development from an industry perspective, and highlighting Python's practical applications. Also assisted teachers with MS Office and class editing tasks.

Achievements and Extra Curriculam

- **Equity Bounty Winner** of *BETTR* (A decentralized Social Network and wellbeing startup) at **UKFinnovator+** Hackathon.
- *BCU* JAVA Hackathon **Winner.**
- *UNIHACK x BCU CS Society* Sustainability Hackathon **Runner Ups** held at BCU.
- *Volunteering* in *EDULAB's European youth Transition to Education and Labor* Project**.**