

# JUGRAJ SINGH

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## Personal Profile

A First Class Cyber-security graduate and driven front-end developer with hands-on experience in React.js, JavaScript, HTML, and CSS. Possessing problem-solving skills and a keen eye for design through academic and work placements. With experience in Figma and front-end development, currently seeking an exciting opportunity to further develop skills in web development and design. Eager for an opportunity to create user-friendly, responsive web applications; and to be part of innovative projects in a fast-paced environment.

## Education

### **Birmingham City University (2023 - 2025)\***

#### **BSc Cyber Security – First Class Honors**

- Developed a Python-based blockchain project to securely store and retrieve IMEI status (lost, stolen, recovered, blocked) connected to a webpage through flask API.
- Experienced in Cisco Packet Tracer, designing and implementing complex network topologies.
- Gained technical knowledge of network security infrastructure.
- Practical knowledge of cloud computing (Azure, AWS, Google) for scalable deployments.
- Proficient in Cyber Security principles.
- Strong technical understanding of network security and infrastructure.

### **Matthew Boulton College, Birmingham (2016 – 2018)**

#### **BTEC Level 3 IT – Distinction\***

- Gained hands-on experience with HTML, CSS, and Visual Studio Code.
- Programming experience with C#/C++.

### **Great Barr School, Birmingham (2013 - 2015)**

#### **5 GCSE's including Maths and English – Grades C**

## Projects

### **AWS Cloud Infrastructure Project (HTML, CSS, SQL, PHP, Python, MariaDB) (Sep 2024 – May 2025)**

- Designed a highly available cloud application using Amazon VPC (Virtual Private Cloud), EC2 instance (Elastic Compute Cloud), S3 buckets, ALB (Application Load Balancer), CloudWatch and CloudTrail. Deployed this application which increased availability via having a standby server in another zone.

### **Python-based Blockchain Project (Sep 2024 – April 2025)**

- Created a system to track lost or stolen devices powered by blockchain technology. This was achieved through using the distributed and nonrepudiation of each device within the blockchain network.

### **Innovation Fest (May 2019)**

- Utilised Arduino and python code to create a self-watering plant. This was achieved through sensors that would detect a lack of moisture in the soil then triggering the watering system.

## **Employment**

### **Slap & Pickle – Team Member (Sep 2025 - Present)**

- Developed strong problem-solving and communication skills in a fast-paced environment
- Food storage and preparation
- Til operation
- Teamwork and time management
- Telephone communication skills

**\*Career gap to attend university**

### **Zustech – Junior Web Developer (Dec 2021 – June 2023)**

- Developed and optimized responsive web applications using React.js, JavaScript, HTML, and CSS.
- Collaborated with designers and back-end developers to create seamless and intuitive user experiences.
- Built reusable UI components, enhancing development efficiency and maintainability.
- Met project deadlines while delivering high-quality client solutions in a fast-paced team environment.

### **Inside Sales Solutions – Customer Service (June 2021 – December 2021)**

- Communicating with customers to understand their needs and requirements.
- Identify sales opportunities
- Answering customer queries, resolving their concerns and providing additional information via calls and emails.
- Explaining and demonstrating the functions of products and services.
- Maintaining database records and researching for new leads.
- Keeping up to date with product and service information and competitor offers.

### **Pizza Hut – Customer Service (Sep 2016 – Dec 2016, Feb 2020 – March 2020)**

- Developed strong problem-solving and communication skills in a fast-paced environment
- Gained experience handling customers and resolving issues effectively
- Cash handling experience
- Teamwork and time management
- Telephone communication skills

### **All Round Maintenance – Administrative (Mar 2018 – Jun 2019)**

- Managed administrative tasks, including scheduling appointments and handling cash transactions.
- Maintained professional telephone communication and customer service.
- Arranging meetings and appointments
- Telephone communication skills

## **Interests**

I have a strong passion for front-end development, UI/UX design, and creating seamless digital experiences. My interest in art enhances my creativity, allowing me to approach web design with a unique, detail-oriented perspective. I enjoy crafting visually appealing and user-friendly interfaces, ensuring an intuitive experience for users. Additionally, my interest in gaming fuels my inspiration for interactive and engaging web applications. I am always exploring new web technologies and refining my skills through personal projects to stay ahead in the ever-evolving digital landscape.

**References available on request.**