Ujjwal

📍 Haryana, India ✉ ujjwal2k24@gmail.com ▢ 9034818108

EDUCATION

Bachelor in Engineering in Computer Science   **Chitkara University • Punjab, India • 2020 - 2024**
• CGPA: 9.87

BS in Data Science and Applications   **IIT Madras • Chennai, India • 2021-On Hold**
• CGPA: 7.4

12th HBSE   **Vaish Senior Secondary School • Charkhi Dadri, Haryana, India • 2020**
• Percentage: 90%

10th HBSE   **Vaish Senior Secondary School • Charkhi Dadri, Haryana, India • 2018**
• Percentage: 87%

Experience

Software Engineering-Engineer I   **June 2025- Present**
FICO, Bangalore | Full Time

Software Engineering-Associate   **June 2024 - June 2025**
FICO, Bangalore | Full Time

Software Engineering – Intern   **May 2023 - June 2024**
FICO, Bangalore | Internship

Data Structure Scholar   **Nov 2021 - Dec 2021**
TwoWaits | Internship

SKILLS

➢ **Programming Skills:** C++, Python, Java, JavaScript, TypeScript, Processing, GoLang, Bash
➢ **Web Technologies:**   HTML, CSS, JS, jQuery, ReactJS, Next Js, Node.js, Express.js, Bootstrap, GraphQL , Tailwind, SasS, P5Js, ThreeJS
➢ **Android Dev:**   React Native, Android with Java
➢ **Devops & Cloud:**   Docker, Kubernetes, AWS, GCloud, MS Azure, Jenkins, Sonarqube, Git, Github
➢ **Operating Systems:** Linux, Windows, MacOS
➢ **Database Systems:**   MySQL, Postgresql, MongoDB, PhpAdmin, Oracle
➢ **Design,Graphics
  & Other Tools:**   Canva, Figma, OpenCV, Postman, AndroidStudio, UI/UX
➢ **Soft Skills:**   1. Team Work (collaborated in teams of 3 & 5 to develop apps for Hackathons and other Projects)
                          2. Creativity and Problem Solving (created several creative coding mini projects and visualizations)
                          3. Communication and Teaching
                          4. Flexibility, Patience and Time Management

PROJECTS

Traximo ⌾   **The Great India Hackathon • April 2022**
• A Hackathon project, collection of #moveToPlay webcam games, deployed on Azure which encourages physical activities to play digital games
• Developed "The Ghost Hunter" & "3D Car Simulation" controlled using hand gestures as part of Traximo
• Traximo secured 1ST position at The Great India Hackathon

BloodLink ⌾   **Semester Solo Project • February 2023**
• BloodLink is a platform for users to register as blood to either request/donate blood and blood banks to manage their stocks by managing the pending donations and request along with scheduling blood camps and managing them. The system will authenticate the user/bank using their username(mobile) and password to further perform other actions.
• Developed using MERN Stack and Tailwind css for UI Styling with REST Api built for handling the requests.

Kawach   **Solo Project • Jan 2023**
• Developed a QR Code-based locking application for Android using Java, designed specifically for army personnel to enhance device security.
• Implemented security features to disable all device functionalities, including internet and camera, until re-authentication.
• Designed a server application to generate QR codes, validate authentication, and maintain activity logs.
• Ensured secure communication between the mobile app and the server to prevent unauthorized access.

3D Audio Visualizer ⌾   **Solo Project • August 2022**
• A 3d audio visualizer created using ThreeJs which shows and controls the vertices of a 3d plane on the basis of frequency matrix generated by any audio file or using the system mic input.

Sorting Algorithms Visualizer ⌗

Solo Project • December 2021

• A sorting algos visualizer webapp to visualize different sorting algorithms using plain HTML,CSS & JS in an easy way
• Created the visualizer from scratch to help myself in understanding concepts and to visualize how algorithm works.

Stellar ⌗

Semester Project • January 2021 - February 2021

• Stellar is essentially a self-drive car rental and purchasing online marketplace, which allows its users to rent or buy self-drive cars at affordable prices
• I was responsible for overall development of the website including front-end, back-end & UI design of the website.

CERTIFICATIONS

• **Introduction to IoT**
• **AWS Academy Introduction to Cloud**
• **Advanced Web Development**
• **IITM Foundational Level BS in Data Science and Applications**

• **Adobe UX Foundation Learning Journey**
• **Introduction to Cyber Security**
• **Object Oriented Programming in Java**

ACCOMPLISHMENTS

• **Nominated for Smart India Hackathon 2022 by Chitkara University (PS Code: BV805)** • March 22, 2022
• **The Great India Hackathon** (By ReSkill & Microsoft Azure): Secured **1**st position Chitkara University,Punjab • April 2022
• **Patented a Auto Cut Gas Fired Geyser with Alarm** (Application No: 202211065867) • November 2022
• **Part of GithubGraduation – 2022** • 2022
• **Qualified Level 1 of Flipkart Grid 4.0** • 2022