

Yuvraj Uppal

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EDUCATION

Kurukshetra University

Bachelor of Computer Application (BCA)

Ambala, Haryana

Graduation Date: May 2024

SARVA I.T Education Development (India)

Advanced Diploma in Web Designing And Development

Ambala, Haryana

Date: April 2023

Chandigarh University

Masters of Computer Application (MCA)

Ambala, Haryana

Post Graduation Date: May 2026

SKILLS & INTERESTS

Skills: Html, Css, JavaScript, Next Js, React, ReactNative, Node JS, XampSql, MongoDB, Electro js, postgres

Interests: Problem Solving, Mobile Application, Creating Web Applications, Learning New Technologies

Language: Hindi (Fluent), English (Fluent)

PROJECT EXPERIENCE

BCA Final Year Project

Solar Panel Solutions (HTML, CSS, JavaScript, PHP, Xamp)

Ambala, Haryana

Feb 2024 - Mar 2024

- Analyzed customer data from the website to identify key trends and preferences, resulting in a 30% increase in conversion rates.
- Developed an innovative user-friendly admin panel to efficiently manage and process user requests, reducing response time by 40%

Diploma Project

Student info collector for college (HTML, CSS, JavaScript, PHP)

Ambala, Haryana

A web-based application for managing student records tailored for academic institutions.

Feb 2024 - Mar 2024

- Capabilities to add, search, delete, and update student data efficiently.
- Advanced filtering options enabling precise and dynamic searches based on various criteria.
- Responsive and user-friendly interface optimized for web usage.
- Technologies Used: HTML, CSS, JavaScript, and PHP for frontend and backend development
- Impact: Enhanced the college's administrative processes, significantly reducing manual data handling and improving data accessibility

WORK PROJECTS

E-commerce Platform for FiveM Scripts

React.js, JavaScript, CSS3, Tailwind CSS, Nodejs, Xamp

Job Projects

- Designed and implemented a full-stack digital marketplace using React (frontend) and Node.js/Express (backend) to sell and deliver FiveM game scripts
- Developed user authentication, dynamic product listings, a real-time cart system, and secure checkout with payment gateway integrations
- Automated script delivery through webhook-based backend events, enabling instant fulfillment and improved user satisfaction
- React, Node.js, Express, REST API, MySQL, JWT authentication, Webhooks, Payment Integration, FiveM

FiveM Gaming Platform UI Development

React.js, JavaScript, CSS3, Tailwind CSS

Job Projects

- Developed responsive React UI components for FiveM gaming server applications, including player-owned shop interfaces and car rental job systems
- Implemented real-time data visualization and user interaction systems for gaming server management and player engagement
- Collaborated with game server developers to integrate frontend components with backend gaming systems and APIs

Wash My Ride - Car Washing Service App

React Native | TypeScript

Client Project

- Developed a comprehensive car washing service mobile application using React Native CLI for cross-platform deployment on iOS and Android
- Built responsive UI components with smooth navigation using React Navigation, ensuring optimal user experience across different screen sizes

Fitness Point E-commerce Mobile Application

React Native, Node.js, Express.js, MongoDB

Client Project

- Designed responsive UI components with React Native CLI ensuring optimal performance across iOS and Android devices
- Created backend API endpoints using Express.js and MongoDB for product catalog, user management, and order processing
- Implemented shopping cart functionality with add/remove items, quantity updates, and persistent storage using AsyncStorage

Full-Stack Developer | Network Help It Education Platform

Job Project

- Engineered a high-performance **Exam Portal & Course Showcase** using **React (TSX)**, **Express.js**, and **SQL**, facilitating seamless digital assessments for [Number, e.g., 500+] students.
- Implemented a secure, real-time examination environment with integrated timer logic and state persistence to prevent data loss during connectivity issues.
- Designed a responsive, searchable course catalog using **Tailwind CSS**, optimizing the user journey from course discovery to enrollment.
- Architected a relational database schema in **SQL** to manage complex many-to-many relationships between students, courses, and exam results.

- Developed a **real-time CSS gradient generator** allowing users to create linear/radial gradients using an interactive color picker and angle controls.
- Implemented **Type-Safe state management** with TypeScript to handle complex color arrays and direction parameters, ensuring zero runtime UI crashes.
- Utilized **Tailwind CSS** for a responsive, mobile-first interface and used dynamic inline styling to map React state to the live preview background.
- Added a **"Copy to Clipboard"** feature using the Clipboard API, allowing users to instantly export production-ready CSS code

- Architected a **cross-platform mobile application** using React Native to manage and display daily workout routines.
- Designed a **dynamic scheduling system** that automatically filters and displays specific exercises based on the current day of the week.
- Implemented **Core Mobile UI patterns** using Flexbox for a responsive layout that adapts to various screen sizes (iOS and Android).
- Optimized user experience by utilizing **Local Storage (AsyncStorage)** to persist workout data, ensuring a seamless "always-ready" offline experience.

- **Engineered a RESTful API** using **Express.js** to handle complex gaming logic, including user authentication and real-time balance updates for a Minecraft-based currency system.
- **Architected a Relational Database (SQL)** to manage high-frequency transaction logs, ensuring **ACID compliance** and data integrity for user "bets" and rewards.
- **Developed Secure Middleware** in Express to validate user sessions and prevent unauthorized API requests, protecting the virtual economy from exploits.
- **Integrated Frontend-Backend Sync:** Leveraged React and Tailwind CSS to build a high-performance dashboard that fetches and displays live server data via Express.