

BIJAY ARYAL

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Experiences

WordPress Intern

Oct 2022 – Feb 2023

Rivia Infosys Pvt.Ltd

Remote

- In my role as a WordPress developer intern at Rivia Infosys Pvt. Ltd., I built practical experience in web development by creating two distinct websites. The first, SourceCodesPoint, provides a collection of free projects complete with source code, while the second, Filmables, is a platform designed for sharing film reviews. These projects allowed me to deepen my knowledge and enhance my technical skills in both web development and WordPress.

Skills

Programming Languages: Java, PHP, C-sharp, C, HTML, JavaScript, Dart

Database: MySQL, Firebase, MongoDB

Frameworks: Flutter, React, BootStrap

Developer Tools: Git, Github, VS Code, Xampp, Postman, Google Analytics

Design Tools: Figma, Adobe Photoshop

Human Languages: Nepali, English, Hindi

Education

Tribhuvan University

Nepal

Bachelor's in Computer Application

2018 – 2023

- 3.18/4.0 (GPA)
- Courses: Programming in C, Scripting Language, Probability and Statistics, Artificial Intelligence, Java Programming, Mobile Programming etc.

Research and Projects

Ecommerce | JavaScript, PHP, Stripe

- I built a feature-rich e-commerce platform using PHP, complete with secure payment integration.
- Optimized the user experience with a responsive interface and streamlined checkout process.

Chat App | Flutter

- Built a chat application in Flutter enabling real-time text communication, with streamlined UI/UX.
- Implemented Firebase for backend support, ensuring a seamless, responsive experience.

Brick Breaker | HTML, JavaScript

- Developed a JavaScript-based Brick Breaker game with smooth controls and engaging graphics.
- Enhanced the gaming experience by implementing progressive difficulty levels and score tracking.

Snake AI | JavaScript

- Created an AI-powered Snake game using JavaScript, implementing a basic AI algorithm to navigate and grow the snake efficiently.
- Refined AI logic to enhance difficulty and improve the player's interaction with the game.

QR Code Generator | HTML, CSS, JavaScript

- Developed a QR Code generator in JavaScript, allowing users to create custom QR codes for various applications.

Realistic Earth | Three.js

- Constructed a realistic Earth visualization using Three.js, simulating 3D rotations, textures, and real-time lighting effects.
- Focused on creating an immersive experience that accurately represents Earth's appearance and motion.

Location Scrapper | Python, Selenium

- Utilized Python with Selenium to create a longitude and latitude data scraper for location-based applications.
- Implemented efficient scraping and data storage methods, with error handling for consistent data accuracy.

Sketch Board | JavaScript

- Developed an online sketchbook with an intuitive drawing interface, offering a variety of brushes, colors, and shapes.
- Focused on user experience with features for saving and exporting creations for easy sharing.