

Jaswant Singh

Front-End Developer
& UI/UX Designer

CONTACT

Location

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Portfolio

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SKILLS

Front-End

HTML5, CSS3

JavaScript ES6+

GSAP, Canvas API

Tone.js

Frameworks

React, Vite

React Router

Foundation CSS

Back-End

PHP 8, MySQL

PDO, REST API

Apache .htaccess

CMS

WordPress

Custom & Child Themes

Design

Figma

Adobe Illustrator

Adobe Photoshop

Other

Git

micro:bit + Bluetooth

cPanel Deployment

EDUCATION

Durham College

Interactive Media Design
(Web Development)

Expected:

September 2026

PROFESSIONAL SUMMARY

Web Development student at Durham College's Interactive Media Design program (Expected Graduation: September 2026). I build responsive, accessible, and visually polished web applications across the full front-end stack — HTML5, CSS3, JavaScript ES6+, React — plus back-end fundamentals with PHP, MySQL, and PDO. Experienced in full-stack SPAs, WordPress CMS theme development, hardware-integrated browser games, and MySQL-backed REST APIs. Strong UI/UX instinct backed by a design background in Figma, Illustrator, and Photoshop.

SELECTED PROJECTS

DC Hub — dchub.jaswant.dev/student/

[PHP 8](#) · [MySQL](#) · [PDO](#) · [JavaScript](#) · [Apache .htaccess](#) · [REST API](#)

- Full-stack knowledge repository for Durham College — faculty upload course materials by semester; students browse via a role-based interface.
- Replaced PHP login with Apache HTTP Basic Auth; built PHP-FPM-compatible session bootstrapping with Authorization header fallback.
- Secure PDF/image streaming, keyword search, faculty 'Switch to Student' toggle. Migrated from DC server resolving MySQL collation and FK import issues.

EverFresh & Co. — everfreshandco.jaswant.dev

[PHP](#) · [JavaScript ES6+](#) · [MySQL](#) · [PDO](#) · [Leaflet.js](#) · [Foundation CSS](#)

- Full-stack grocery e-commerce SPA — PHP REST API backend, hash-based routing vanilla JS frontend.
- Department browsing, full-text search, shopping cart, user auth, Leaflet.js store map, dark/light theme toggle.

NightPulseTech — nightpulsetech.jaswant.dev

[React](#) · [Vite](#) · [React Router](#) · [JavaScript](#) · [CSS3](#)

- Multi-page e-commerce SPA — product listing, dynamic routes (products/:id), cart flow, auth screens; React Router navigation.

Escape to Mars — escapetomars.jaswant.dev

[JavaScript](#) · [GSAP](#) · [micro:bit Bluetooth](#) · [HTML5](#) · [CSS3](#)

- Browser game with physical micro:bit controller — Bluetooth pairing, tilt input, collision detection, GSAP animations, multiple difficulty levels.

BuyMoreDollars — buymoredollars.jaswant.dev

[React](#) · [PHP](#) · [MySQL](#) · [REST API](#)

- Group project: prize game with React frontend and PHP/MySQL backend — user auth, question validation, play limits, prize management, play-history tracking.

MAD Movies — madmovies.jaswant.dev

[HTML5](#) · [CSS3](#) · [JavaScript](#) · [PHP](#)

- Cinema-inspired browsing site with search, genre filters, and responsive layout; delivered across wireframe → static → dynamic stages.

Panj-aab: A Rebel State — panjaab.jaswant.dev

[WordPress](#) · [PHP](#) · [CSS3](#)

- Custom WordPress child theme from scratch with UX-focused layout and content presentation for a cultural site.

Joco's Inspired Theme — jocoinspired.jaswant.dev

[WordPress](#) · [React](#) · [PHP](#) · [JavaScript](#)

- Custom WP theme with an embedded React SPA component — hybrid CMS + modern front-end architecture.

SnakeTrail — snaketrail.jaswant.dev

[JavaScript](#) · [GSAP](#) · [Tone.js](#) · [Canvas API](#)

- Modern snake game with Tone.js dynamic audio, GSAP animations, difficulty levels, score tracking, and high-score persistence.