

Dean Harley Pal

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I'm a web and backend developer, graduate of Uplift Code Camp's Full Stack MERN program, where I gained practical experience building interactive and data-driven applications. Alongside my CS50 background, I've developed strong skills in React, Node.js, Express, MongoDB, and API development, and I'm eager to collaborate and keep growing through real-world projects

PROJECTS	<p>Geo Memory Map – Team Lead & Full Stack MERN Developer</p> <ul style="list-style-type: none">○ Led a team in developing a web app that lets users save memories with photos and map locations. My first real collaboration as a full-stack developer — a big step in leadership, teamwork, and technical collaboration.○ <i>Tech:</i> MongoDB, Express.js, React, Node.js, Leaflet.js, Cloudinary, JWT Authentication & REST APIs 🌐 geomemorymap.com <p>Movy Browser – ReactJS Frontend Project</p> <ul style="list-style-type: none">○ A one-week solo project built with ReactJS and TMDB API, allowing users to browse, search, and view movie details. Strengthened my skills in component design and state management.○ <i>Tech:</i> ReactJS, TMDB API, Tailwind CSS, React Router 🌐 movy-browser.onrender.com <p>Spinomo Wheel – Vanilla JS App (In Progress)</p> <ul style="list-style-type: none">○ A simple web app designed to create a spinning wheel for random selections. Currently refining animation and event handling. Built to strengthen my understanding of DOM manipulation and core JavaScript logic.○ <i>Tech:</i> HTML, CSS, JavaScript 🌐 spinomowheel.onrender.com
PROJECT & RESEARCH	<p>Personalized News Feed API – Personal Project / CS50 Final Project (Ongoing)</p> <ul style="list-style-type: none">○ I'm developing a personalized news API using Django REST Framework. I'm currently working on serializers to format and manage how data is returned through the API. The goal is to fetch real-time news from NewsAPI.org, to implement user-specific filtering, and provide secure JWT-based authentication. <p>PARKWISE: Smart Parking Management System (September 2023)</p> <ul style="list-style-type: none">○ Research paper prepared on Smart Parking Management System to address traffic congestion. Designed an application with object detection for efficient vehicle arrival and departure management. Implemented key features for seamless vehicle reservation, contributing to improved traffic flow.
RELEVANT EXPERIENCE	<p>Full Stack MERN Developer – Uplift Code Camp (Completed 2025)</p> <ul style="list-style-type: none">○ Completed a 6-month intensive Full Stack MERN training program.○ Worked in a simulated professional environment using Agile methodologies, daily stand-ups, sprints, and GitHub issue tracking.○ Collaborated in team projects focused on frontend and backend integration, authentication, and deployment.
EDUCATION	<p>Uplift Code Camp – Full Stack Web Development Bootcamp (Completed 2025)</p> <ul style="list-style-type: none">○ Built and deployed full stack web applications using HTML & CSS, JavaScript, React, Node.js, Express, and MongoDB. <p>Our Lady of Fatima University — B.S. in Computer Science (Aug 2022 – Dec 2023)</p> <ul style="list-style-type: none">○ Served as the 1st Year & 2nd Year Representative for E-CODES (Encrypted Computer Science, Office Management, and Data Encoder Safety), demonstrating leadership and advocacy in fostering an environment of excellence within the organization. <p>St. Louis College Valenzuela — B.S. in Computer Science (Aug 2019 – Dec 2020)</p> <ul style="list-style-type: none">○ Participated as a dedicated committee member in the marketing division during the organizational fair, contributing valuable technical assistance to enhance event operations.
SKILLS	<ul style="list-style-type: none">➤ Web Development: HTML, CSS, JavaScript, React, Node.js, Express, MongoDB➤ Frontend: React.js, Tailwind CSS, Bootstrap➤ Backend: Node.js, Express.js, Mongoose, JWT Auth, Flask, Django, Django REST Framework➤ Databases: MongoDB, SQLite, MongoDB Atlas➤ API Development: RESTful APIs, JWT Authentication, Postman, Insomnia➤ Tools: Git, GitHub, GitLab, VS Code, Cloudinary, Nominatim, Leaflet.js, Agile Workflow➤ CS Fundamentals: Algorithms, Data Structures, Pointers, Memory Management (C)➤ Other Skills: Basic photo/video editing, data entry, time management, adaptability, organization➤ Platforms: Windows & Linux (Linux Mint, Pop!_OS)
INTEREST	<ul style="list-style-type: none">○ Continuous learning, productivity optimization, and exploring new web technologies. Passionate about arts (music, painting, film, photography) and historical geography.○ Into Arts (Music, Paintings, Film, Photography) and Historical geography