

Vikram Kramer

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SUMMARY

Early-career PHP developer with one year of supervised academic project experience building responsive websites, **database-backed features**, and ecommerce prototypes. Brings practical work with PHP, **MySQL**, HTML5, CSS3, **JavaScript**, Bootstrap, Git, SQL, SEO fundamentals, and **browser testing**. Delivered guided web assignments from requirements discovery through implementation, validation, documentation, demonstrations, and revisions. Built authenticated forms, CRUD workflows, searchable records, session controls, relational schemas, and checkout simulations that supported realistic client-style needs. Clear communication with faculty, peers, and project stakeholders has shaped dependable delivery and thoughtful revisions. Ready to contribute locally in Raleigh, learn current web technologies through guidance, and support customer-focused digital products with careful coding and a positive team mindset.

EDUCATION

Bachelor's Degree in Computer Science

2026

North Carolina State University GPA: 3.8

Raleigh, NC

Coursework: PHP Web Development, Database Design, Web Application Development, Software Testing, Search Engine Optimization

TECHNICAL SKILLS

- **PHP Development:** PHP, CRUD, reusable components
- **Database Systems:** MySQL, relational schemas, data dictionaries
- **SQL Development:** SQL joins, summary queries, parameterized queries
- **Frontend Technologies:** HTML5, CSS3, JavaScript
- **Responsive Design:** Bootstrap, mobile layouts, browser sizing
- **Source Control:** Git, GitHub, branches
- **Web Security:** Session controls, access controls, input validation
- **Testing Tools:** Browser developer tools, test cases, purchase scenarios
- **Ecommerce Development:** Product catalogs, cart workflows, checkout simulation
- **Search Optimization:** On-page SEO, semantic headings, metadata
- **Documentation:** Installation guides, setup instructions, test evidence

SKILLS

- PHP
- JavaScript
- SQL
- Form Validation
- MySQL
- Bootstrap
- CRUD Development
- Session Management
- HTML5
- Git
- Responsive Web Design
- Basic SEO
- CSS3
- GitHub
- Database Design

EXPERIENCE

PHP Development Practicum Student

January 2026 - Present

University PHP Practicum

Raleigh, NC

Supervised PHP development role supporting a service-request portal from requirements review through testing and demonstration. Contributed across backend development, MySQL data design, responsive interface work, source control, defect correction, and project documentation. Work translated classroom learning into a dependable web application for faculty review and strengthened communication with stakeholder groups.

- Translated 18 stakeholder requirements into authenticated PHP forms, **status tracking**, and searchable MySQL records, giving reviewers a clear service workflow.
- Structured normalized database tables and reusable **CRUD** functions for customer, request, and administrative views, reducing duplicate code and easing future revisions.
- Built responsive layouts with HTML, CSS, **Bootstrap**, and JavaScript, then applied feedback from 12 student testers to improve navigation and **form validation**.
- Used **Git** branches and pull requests for feature review, change tracking, and isolated fixes, giving instructors a clean project history during assessment.
- Diagnosed **PHP** warnings, SQL query errors, and session defects through test cases and browser developer tools, producing a stable demonstration build.

- Prepared setup instructions, test evidence, and a live walkthrough so faculty reviewers could reproduce core workflows and assess application behavior.

PHP Web Development Capstone Student

May 2025 - August 2025

Web Development Capstone Project

Raleigh, NC

Faculty-guided capstone role focused on a PHP and MySQL **ecommerce** prototype for a fictional specialty retailer. Owned interface planning, relational data decisions, safer request handling, SEO fundamentals, scenario testing, and final presentation. Frequent review sessions encouraged practical tradeoffs and steady improvement across customer and order workflows.

- Developed product browsing, cart management, and checkout simulation with PHP, MySQL, **HTML**, **CSS**, and JavaScript, creating a complete retail demonstration.
- Converted a client brief into wireframes, database relationships, and a prioritized implementation plan, helping weekly faculty reviews stay focused on business value.
- Added server-side validation, **parameterized queries**, session controls, and test data, demonstrating safer handling of customer and order information.
- Applied semantic headings, descriptive metadata, accessible image labels, and on-page **SEO** across 14 pages, improving content clarity for users and search engines.
- Ran scripted purchase scenarios and gathered feedback from 10 peers, then corrected navigation issues and clarified error messages before final presentation.
- Presented technical decisions, maintenance notes, and working features to a faculty panel, earning capstone recognition for practical web implementation.

Web Database Design Project Student

January 2025 - April 2025

Database Design Course Project

Raleigh, NC

Supervised **database design** role for a local-events directory concept, combining MySQL schema planning with PHP record management and browser-based testing. Produced application pages, SQL queries, diagrams, and installation materials that made project assumptions clear for peer review and future student developers.

- Designed an eight-table **MySQL** schema for venues, organizers, events, categories, and registrations, creating relationships that supported reliable directory data.
- Created **PHP** pages for record creation, updates, filtering, and deletion with basic **access controls** and consistent error handling, making administration easier to test.
- Wrote **SQL** joins and summary queries for category searches and registration counts, then validated results against manually prepared test cases.
- Produced an entity-relationship diagram, data dictionary, and installation guide, giving future student developers a practical reference for maintenance.
- Tested forms across common browser sizes and corrected layout, validation, and data-integrity issues identified during peer review.
- Delivered a 15-minute classroom presentation explaining database choices, limitations, and possible **ecommerce** extensions, building confidence in technical communication.

PROJECTS

Community Event Finder Prototype 📅 2025

Collaborated with classmates on a PHP and MySQL directory concept for community events. Shared schema decisions, reviewed PHP pages, tested search and registration flows, and documented tradeoffs so each contributor could work with less friction. Final presentation connected database choices with practical user needs.

Accessible Retail Interface Study 📅 2025

Worked with a small student team to review ecommerce interface patterns, semantic HTML, image labels, metadata, and mobile layouts. Peer feedback shaped clearer product content and checkout messaging. Findings became a concise reference for future PHP coursework and client-style prototypes.

LEADERSHIP & AWARDS

- Capstone Recognition for Practical Web Implementation, North Carolina State University, 2025.
- Dean's List, North Carolina State University, Fall 2025.
- Finalist, Student Web Solutions Showcase, 2025.

CERTIFICATIONS

- PHP and MySQL Web Development Certificate 📅 2026
- Responsive Web Design 📅 2025

PROFESSIONAL AFFILIATIONS

- Web Development Club, Project Coordinator, North Carolina State University, 2025 - 2026.
- Peer Tutor, Introductory PHP and Database Design Lab, North Carolina State University, 2025 - 2026.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST