

KAVYA VERMA

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EDUCATION

Boston University — Boston, MA Master of Science (M.S.) in Computer Information Systems Concentration: Web Development GPA: 3.67 / 4.0 Relevant Coursework: Full-Stack Web Development, Database Design, Cloud Computing, Software Engineering	Sep 2024 – Jan 2026
Wichita State University — Wichita, KS Bachelor of Science (B.S.) in Computer Science	Aug 2019 - Dec 2023

PROJECTS

myBookBag React, Node.js, MongoDB, JWT, REST APIs Engineered a full-stack book tracking application with secure JWT-based authentication and bcrypt password hashing Implemented RESTful APIs with CRUD functionality, input validation, and centralized error handling Integrated Google Books API for real-time book search and metadata retrieval Designed a mobile-first, responsive UI and optimized the MongoDB schema for efficient data access	Sep 2024 – Dec 2024
URL Shortener Next.js, TypeScript, MongoDB, Vercel Designed and built a production-ready URL shortening service using Next.js App Router and MongoDB Implemented backend validation to enforce alias uniqueness and prevent collisions Developed server-side redirection logic with optimized query handling Deployed on Vercel with cross-browser compatibility and environment-based configuration	Mar 2025 – May 2025
Movie & Series Review Platform Node.js, JavaScript, HTML, CSS, TMDB API Developed a full-stack media review platform enabling users to search, review, and curate movies and TV series Integrated the TMDB API to support real-time search and dynamic content rendering Built secure review submission and session-based authentication for user-generated content Implemented personalized user collections and data persistence with backend validation	Sep 2024 – Dec 2024
Stock Trade Simulator JavaScript, Node.js, REST APIs Built a mock stock trading application simulating buy/sell operations and portfolio tracking Designed RESTful APIs to manage transactions, balances, and trade history Implemented data validation, logging, and error handling to ensure system reliability	Oct 2024 – Nov 2024

WORK EXPERIENCE

Webmaster Intern — Boynton Insurance Group, Natick, MA Maintained and enhanced the company website with responsive layout improvements Implemented on-page SEO optimizations and monitored analytics to improve visibility Analyzed user behavior data to inform UI and content improvements	Sep 2023 – Dec 2023
Facility Lead — Campus Recreation Wichita State University, Wichita, KS Led and mentored 20+ staff members, improving operational efficiency and customer satisfaction Managed scheduling, logistics, and incident resolution in a fast-paced environment	Jun 2021 – Dec 2023
Web Manager — TRIO SSS, Wichita, KS Maintained and improved internal web portals using Agile workflows Debugged cross-browser layout issues using Chrome DevTools, improving performance by ~25%	Jul 2021 – Sep 2021

CERTIFICATIONS

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- AWS Essential Training for Developers - LinkedIn Learning
Succeeding in Web Development: Full-stack and Frontend - LinkedIn Learning
Framework Valley - React - Codedex

SKILLS

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- Programming Languages:** JavaScript, TypeScript, Python, Java, PHP, C/C++, HTML5, CSS3
Frameworks: React, Next.js, Node.js, Express
Databases: MongoDB, MySQL, Azure SQL, GraphQL
APIs & Security: REST, JWT, bcrypt, HMAC
Tools & Platforms: Git, Docker, Postman, VS Code, NPM, Vercel, Google Analytics