Aviral Mehrotra

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WORK EXPERIENCE

EKAM Solutions   **Lucknow, Uttar Pradesh**
Software Developer Intern   *16th July 2025- 15th Sept 2025*
- Designed and deployed company website from scratch with optimized UI structure, content organization, and SEO enhancements.
- Built inquiry and customer-management workflow that reduced manual effort by 20–25%.
- Implemented user-management features, data-entry flows, and email configuration for streamlined internal operations.

R. G. Minerals   **Remote**
Web Developer Intern   *3rd July 2023- 31st August 2023*
- Developed customized WordPress websites using theme modification, plugin integration, and performance optimization.
- Participated in full SDLC from requirements gathering to deployment, ensuring smooth delivery and improved site usability.

Mayatech Solutions Pvt. Ltd.   **Lucknow, Uttar Pradesh**
Web Developer Intern   *20th July 2022- 20th October 2022*
- Contributed to frontend and backend development using HTML, CSS, JavaScript, and Django, improving responsiveness and load times.
- Debugged live UI issues and optimized performance, strengthening problem-solving skills.

PROJECTS

ComicVault - Comic Book Collection Tracker- Demo | GitHub | Live
- Engineered a full-stack web application for managing comic collections with real-time progress tracking, reducing manual effort by ~80% through automated issue-level reading status updates.
- Designed a scalable backend using Node.js, Express.js, and PostgreSQL (Supabase), implementing Row Level Security (RLS) and integrating the ComicVine API for rich comic metadata.
- Built interactive dashboard with GitHub-style heatmaps and live activity feeds for reading pattern visualization.
Tech Stack: React.js, JavaScript, Tailwind CSS, Node.js, Express.js, PostgreSQL, Supabase, ComicVine API, React Router

Stannum - E-Commerce Platform – Demo | GitHub | Live
- Built full-stack e-commerce platform with personalized product recommendations based on user preferences and budget
- Integrated MongoDB for scalable data management and optimized Node.js APIs for faster response times
- Developed Python-based review scraping module with Beautiful Soup that collects Reddit reviews and summarizes insights using Cohere AI API
Tech Stack: React.js, JavaScript, Tailwind CSS, Node.js, MongoDB, Cloudinary, Python, Beautiful Soup, Reddit API

Tasker-Project Management Web App - Demo | GitHub | Live
- Developed a full-stack project management web application enabling to create, edit, assign, prioritize, and delete tasks within customizable projects.
- Implemented priority tags, due dates, and a dynamic dashboard view for effective task organization.
- Designed a Responsive UI using Tailwind CSS with a clean and intuitive UX optimized for desktop and mobile devices.
Tech Stack: React.js, JavaScript, Tailwind CSS, Node.js, MongoDB, Cloudinary

EDUCATION

Shri Ramswaroop Memorial University,   **Lucknow, Uttar Pradesh**
Bachelor of Technology, Computer Science and Engineering,   *August 2023-Present*

Bharati Vidyapeeth (Deemed to be University)   **Pune, Maharashtra**
Bachelor of Technology, Information Technology,   *August 2020- August 2022*

SKILLS AND CERTIFICATIONS

Languages & Frameworks: HTML, CSS, JavaScript, Python, React.js, Node.js, Express.js, Redux, Django
Databases & Tools: MongoDB, PostgreSQL, MySQL, Git/GitHub, Postman, Cloudinary, Supabase
Core Competencies: REST APIs, WebSockets, Responsive Web Design, Cross-Browser Compatibility, Code Optimization, API Integration, Front-End Development.

CERTIFICATIONS

The Complete Front-End Web Development Course (Udemy), Web Application Technologies and Django (Coursera), Operating Systems (Coursera), Data Structures & AI (CCE), Node.js and Backend Development with Git (L&T EduTech), Building Generative AI Systems (L&T EduTech), The Complete ReactJs Course - Basics to Advanced (Udemy).