Pankaj Singh Koshyari

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WORK EXPERIENCE

Full Stack Developer
CodeSources

March 2025 - Present
Uttarakhand, India

- Designed and developed two company websites, `vidocs.dev` and `outsource.sh`, using WordPress, Elementor, and custom HTML/CSS/JS components to enhance performance and responsiveness.
- Managed end-to-end content pipeline for technical video scripts, collaborating with content creators, editors, and designers to ensure quality and timely delivery.
- Maintained and updated WordPress infrastructure to optimize SEO, improve page speed, and harden security.
- Oversaw publishing workflows for developer-focused content, including video documentation and sponsored campaigns.
- **Technologies:** WordPress, Elementor, JavaScript, HTML, CSS, SEO Tools

Full Stack Developer
Isuremedia.com

March 2024 – March 2025
Uttarakhand, India

- Developed and maintained full-stack web applications using React, Node.js, and Express, including a fully functional HRMS platform.
- Designed and deployed dynamic websites using WordPress and Elementor, integrating blogs and SEO-friendly structures across domains.
- Created and managed multiple client websites and sales funnels using GoHighLevel, improving lead conversion and automating workflows.
- Built and optimized email templates and marketing flows in GoHighLevel.
- Worked with various CRMs to manage client data, automate communications, and streamline business operations.
- Led UI/UX design research and implementation for responsive, visually appealing designs tailored to specific project needs.
- Managed complete project lifecycle—from design discovery through deployment—ensuring on-time delivery and quality outcomes.
- **Tech Stack:** JavaScript, Node.js, React, MongoDB, Express.js, WordPress, Elementor, GoHighLevel

EDUCATION

Chandigarh University, Mohali
Bachelor of Computer Application

Mohali, Chandigarh
July 2024 – May 2027

Lovely Professional University, Punjab
Bachelor Of Technology in Computer Science

Punjab, Punjab
Aug 2018 – Aug 2020

TECHNICAL SKILLS

Programming Languages: C, C++, Python, JavaScript
Databases: MySQL, PostgreSQL, MongoDB
Frameworks: Angular, ReactJS, NodeJS, ExpressJS, Django, FastAPI
Others: Object Oriented Design,, Problem Solving Skills, System Design/Architecture, Design Pattern, Restful APIs, Microservices, Git Version Control, Machine Learning

PROJECTS

MINITORRENT: P2P File Sharing Application
C++, Socket Programming, PThreads, SHA1

- Developed a peer-to-peer (P2P) group-based file transfer application for network file sharing with a decentralized architecture and implemented parallel downloading functionality, increasing transfer speeds by up to 50% compared to sequential downloads.
- Designed a piece selection algorithm that optimized data retrieval, reducing latency by 30% and ensuring efficient bandwidth utilization.
- Integrated SHA1 hashing to ensure data integrity during file transfers, reducing the risk of corrupted downloads by 20%.

SISMICS MUSIC PLAYER
Java, Angular, SQL

- Developed and implemented new features using software engineering principles to enhance a music player application, improving its user management, library management, and online integration capabilities.

- Refactored the codebase, improving code metrics by 25% in areas such as code complexity, maintainability, and test coverage, resulting in a more robust and scalable application.
- Utilized multiple design patterns, to efficiently and precisely add new functionality to the codebase resulting in 15% increase in performance.

REAL-TIME CHAT APPLICATION   *MERN: MongoDB, Express JS, React JS, Node JS*

- Developed a comprehensive backend for a real-time chat application using the MERN stack, implementing user authentication with JWT, real-time messaging with Socket.io, and message storage in MongoDB.
- Implemented WebSocket protocol for bi-directional, event-based communication, reducing server load by 30%.
- Integrated third-party language model APIs for automated responses when users are busy, ensuring timely replies and enhancing user experience.