

Yash pratap singh

FULL STACK DEVELOPER

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🌐 Yash-pratap-singh 🔄 yashpratap09

👤 Profile

Dynamic **Full Stack Developer** skilled in designing and deploying scalable web applications using **Node.js, React.js, Next.js, MongoDB,** and **PostgreSQL**. Experienced in leveraging Docker for containerization and configuring secure server environments, including jump servers, to ensure robust infrastructure. Proficient in utilizing AI-driven tools and modern platforms to boost productivity, streamline development, and enhance workflow efficiency. Strong server management expertise, delivering secure, high-performance solutions for seamless project execution.

🏢 Professional Experience

HTPL Mohali, Full Stack Developer

10/2024 – present

As a **Full Stack Developer**, I have extensive experience building and managing end-to-end web applications, delivering robust solutions for individual and team projects. My expertise spans front-end and back-end development, live deployment, **server management**, and containerization using **Docker**. I have successfully integrated self-hosted n8n for workflow **automation** in projects, enhancing efficiency and scalability. Additionally, I have worked on **SaaS-based** platforms, leveraging open-source technologies to develop secure, high-performance applications. My hands-on approach to server management and deployment ensures seamless delivery of projects from development to production.

ThinkADigital, Mohali, MERN Stack Developer

02/2023 – present | Sahibzada Ajit Singh Nagar, panjab

Currently, I hold the position of Senior Developer and Team Leader in my company. Specializing in **MERN stack** development, I lead projects and oversee a team of developers.. My role involves not only hands-on development but also guiding and mentoring junior team members, ensuring the smooth execution of tasks and fostering a collaborative work environment.

🎓 Education

Class 12, Saraswati shishu mandir khajuraho

Madhyapradesh, india

Diploma, Government Polytechnic college nowgong

Madhyapradesh, india

B.Tech, IES college Bhopal

Madhyapradesh, India

🧠 Skills

HTML

CSS

JavaScript

Node.js

React.js

Next.js

MongoDb

Postgres

Git

Express.js

Bootstrap

Websockets

Aws

SMTP mails

N8N Automation

Tailwind

VPS hosting deployment

Mantine Ui

Docker

SAAS Multitenancy

AI

Microsoft power platform & power automation

Open Source Code

LLM

Ai Automation

Agentic Ai

Open source code

🧩 Soft Skills

* team management

* Problem-Solving / Critical Thinking

* knowledge in hardware and software filed

Projects

Event Management with Form Builder (Self automation), Dubai And Abu Dhabi

Developed a **SaaS-based event management** platform for Dubai and Abu Dhabi, leveraging **Next.js, Node.js,** and **PostgreSQL** to deliver a scalable and secure application. Designed a self-service form builder to streamline event planning and customization. Integrated **Google APIs** for authentication, CAPTCHA, and enhanced functionality. Utilized **Mantine UI** and **Mantine React Table** for a responsive and intuitive frontend, hosted on **Cloudflare** with **CDN** optimization for performance. Deployed the backend using **Docker** containers and implemented a **jump server** to enhance security. Incorporated **self-hosted n8n** for workflow automation, enabling seamless event management processes.

Velvetklub Escort Site for Australia and New Zealand , *React.js, PHP Laravel*

Developed a comprehensive escort site catering to the **Australian and New Zealand markets**, utilizing **React.js** for the frontend and PHP Laravel for the backend. The platform integrates **Google authentication** for user management and **Google Maps API** and **Google Autocomplete API** for location-based services. Implemented SMTP mailing system for efficient communication. Led the end-to-end development process as a Senior Developer.

Designed and implemented the frontend using React.js, ensuring a smooth and intuitive user experience.

Deployed the complete website on **GoDaddy servers**, utilizing React.js and PHP Laravel.

Homela - Real Estate and Hotel Website Development , *React.js, Node.js, MongoDB*

Spearheaded the development of "Homela," a versatile platform catering to both real estate and hotel listings. Leveraged React.js for the frontend and Node.js with MongoDB for the backend database. Integrated Google services including **Google Autocomplete API**, **Google Captcha**, **Google Authentication**, and **Firebase Authentication** for enhanced security and functionality. Implemented **SMTP** mailing through GoDaddy servers for seamless communication. As a Senior Developer and Team Leader, directed a team of two junior developers throughout the project lifecycle. Led the frontend development using React.js and coordinated backend development with Node.js and MongoDB. Ensured effective integration of Google services and Firebase Authentication for robust user management.

Product Management E-Commerce Website, Node.js

The Product Management E-Commerce Website Is A Web Application That Allows Users To Manage. The Backend Of The Site Is Built Using Node.js. Role: Backend Developer, Tech Stack: JavaScript, Node.js, Express.js, MongoDB. Created an eCommerce website's backend part with multiple APIs based on products, users, carts and orders. Here use **JWT** authentication for protected APIs and also use AWS.

Blogging Site, React.js, Node.js

User Authentication: The Site Should Allow Users To Create Accounts And Log In Securely. This Requires Server-Side Code To Handle User Registration, Login, And Password Management. CRUD Functionality : Users Should Be Able To Create, Read, Update, And Delete Blog Posts. Add, Retrieve, And Delete Comments, And To Store Them In A Database.

Tour and Travels with Admin, Node.js & React.js

Experienced full stack web developer with expertise in creating dynamic and user-friendly hotel websites. Proficient in Node.js and React.js, with a strong focus on utilizing MongoDB for efficient database management. Skilled in implementing robust backend functionalities using Node.js and designing interactive front-end interfaces using React.js.

Additional Projects, Multiple production-level projects across SaaS, automation, and web platforms

- Developed an **Inventory Management System** with structured product and stock tracking.
- Built a **Ticket Resolution System** with workflow-based issue handling.
- Implemented **data synchronization using Microsoft Automation**
- Created a **rental housing platform** for flats, rooms, and PG listings
- Developed **e-commerce platforms** with inventory and order management.
- Built **tour and travel booking platforms** with lead and inquiry management.
- Developed **SaaS-based CRM systems** with tenant-wise separate databases for secure multi-tenancy.

Technology & Innovation Interests

Open Source & AI Research — Actively exploring and contributing to open-source technologies with a strong focus on AI agents and Large Language Models (LLMs). I regularly study and experiment with open-source LLMs such as Meta LLaMA and deploy them locally using Ollama for privacy-focused and cost-effective solutions., **Self-Hosted AI & Automation** — Experienced in building and hosting AI solutions on self-managed servers, including Whisper-based audio/video-to-text systems without relying on third-party APIs. I prefer self-hosted architectures to ensure data security, scalability, and full control over infrastructure , **Open Source CRM & Business Systems** — Hands-on experience with open-source CRM platforms like Krayin CRM and SuiteCRM for company lead management. I customize and modify core codebases to match specific business workflows, improving lead tracking, automation, and reporting., **Workflow Automation & AI Agents** — Designed and implemented automation workflows using n8n, including Instagram auto-posting, data synchronization, and AI-driven agents to reduce manual operational work and improve efficiency., **Open Source E-commerce & Inventory** — Worked with open-source e-commerce platforms such as Medusa.js to build scalable e-commerce and inventory management systems, focusing on modular architecture and API-driven design., **Messaging APIs & Integrations** — Experienced in using self-hosted WhatsApp API solutions (Evolution API) for customer communication, notifications, and business automation without dependency on expensive third-party providers., **Server, Deployment & Infrastructure** — Strong knowledge of server management, hosting, deployment, load balancing, backups, and production-grade system setup. Comfortable handling VPS, Docker-based deployments, and optimizing applications for performance and reliability., **Digital Advertising & Growth Marketing** — Hands-on experience in running and managing Meta Ads and Google Ads campaigns for lead generation and conversions. Skilled in audience targeting, campaign optimization, performance tracking, and improving ROI through data-driven decisions., **Technical SEO & Web Optimization** — Strong understanding of technical and on-page SEO, including Schema Markup (structured data), OG tags, meta tags, canonical URLs, sitemap.xml, robots.txt, and crawl optimization. Focused on SEO practices that are most effective for modern web development., **Search & Tracking Tools** — Experienced with Google Search Console for URL inspection, indexing, crawl issues, sitemap management, and performance analysis. Hands-on with Google Tag Manager for event tracking, conversion setup, and analytics integration., **User Behavior Analytics** — Used Microsoft Clarity for session recordings and heatmaps to analyze real user behavior. Applied insights to improve website UX, user flow, and conversion rates., **Continuous Learning Mindset** — Continuously researching new technologies, open-source tools, and modern system architectures. I actively experiment with emerging tech to stay updated and apply practical improvements to real-world project