

# Ram Krishna Yadav

## Full Stack Developer

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 <https://ramkrishnacode.tech/>

Experienced Full Stack Developer proficient in MERN stack (MongoDB, Express.js, React, Node.js) and Next.js. Skilled in developing scalable web applications, RESTful APIs, and server-side rendering (SSR). Strong expertise in React, Node.js, and MongoDB, with a focus on performance, security, and user experience.

## Experience

- Full Stack Developer at Blue Fox Pvt. Ltd.

2024 Dec - Present

  - Developed and deployed SaaS-based solutions for hotel management, e-commerce, and restaurant management systems using the MERN stack (MongoDB, Express.js, React, Node.js) and Next.js, ensuring scalability and performance.
  - Created custom, SEO-optimized websites tailored to client specifications, boosting online visibility and search engine rankings.
  - Designed and implemented RESTful APIs and GraphQL endpoints, enhancing data flow and system interoperability.
  - Managed end-to-end website hosting, deployment, and maintenance on cloud platforms, ensuring uptime and reliability.
  - Collaborated with cross-functional teams, including designers and product managers, to deliver full-stack solutions aligned with business goals.
  - Optimized application performance by implementing best practices in coding, caching, and database management.
  - Ensured website security by integrating authentication, authorization, and data protection mechanisms.
  - Integrated third-party APIs and services, extending the functionality of web applications and improving user experience.
- Intern at Blue Fox Pvt. Ltd

Oct 2024-Dec 2024

  - Contributed to the development and enhancement of SaaS applications for hotel management, e-commerce, and restaurant management using the MERN stack and Next.js.
  - Assisted in building SEO-friendly, client-specific websites, improving online presence and search engine rankings.
  - Collaborated on the design and implementation of secure and efficient RESTful APIs, supporting seamless data integration.
  - Gained experience in cloud-based website hosting and deployment, ensuring high availability and performance.
  - Worked closely with cross-functional teams to understand project requirements and deliver high-quality web solutions.
  - Participated in performance optimization tasks, including code refactoring and database query tuning.
  - Assisted in implementing security best practices, such as user authentication and data encryption.
  - Engaged in agile development processes, contributing to sprint planning, code reviews, and collaborative problem-solving.

## Skills

- Full Stack Development
  - SEO and Performance Optimization
  - Cloud Hosting and Development
- Security Implementation
  - Agile Collaboration
  - Third Party Integration

## Projects

- Banking Application (MERN Stack) [Link](#)

Developed a responsive web platform integrating three classic games – Flappy Bird, Snake, and Tetris – into a seamless user experience. Utilized Next.js for efficient routing and navigation, HTML Canvas and JavaScript to build custom game engines, and Tailwind CSS for responsive, mobile-first styling. Incorporated Shadcn/ui for clean and user-friendly UI components. Optimized the platform for desktop and mobile gameplay with intuitive controls and a vibrant design. Enhanced front-end development skills and demonstrated proficiency in game integration and responsive web design.
- Website Tracker Chrome Extension [Link](#)

The "Time Tracker" Chrome extension, built using React, helps users monitor and manage their online activity by tracking the time spent on each website. It compiles this data into a list, showing the duration spent on individual websites throughout the day or week. Ideal for improving productivity and managing time, this extension provides valuable insights into online habits.
- Games Hub [Link](#)

A modern, responsive web app integrating Flappy Bird, Snake, and Tetris for seamless browser-based gaming. Built with Next.js, HTML Canvas, JavaScript, Tailwind CSS, and Shadcn/ui, it offers optimized performance, intuitive controls, and cross-device compatibility on both desktop (keyboard) and mobile (touch). With a clean UI, responsive design, and fast load times, this project delivers a smooth and engaging gaming experience. 🎮🔗

## Education

- Urbana School of Science, Putalisadak

2022-2024

  - +2 in Computer Science
- IOE Purwanchal Campus, Dharan

2024-Present

  - Bachelor in Computer Engineering