

Krishna Yadav

Portfolio: [MERN Developer](#)

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EDUCATION

- **Chitkara University** Chandigarh, India
 - *Bachelor of Engineering - Computer Science and Engineering; CGPA: 8.59* *July 2023 - present*
 - *Courses: Operating System, Data Structures and Algorithms, Database Management System, Linux, Computer Networking, OOPs.*

EXPERIENCE

- **Project Team Leader, StreamPay** *April 2026 - Present*
 - Optimized transaction flow efficiency and system responsiveness by 40% by architecting and developing a real-time creator monetization platform using Next.js, Node.js, PostgreSQL and Prisma.
 - Enhanced payment reliability by 35% and minimized processing inconsistencies during peak traffic by engineering an event-driven donation system with Razorpay integration and Redis-based real-time updates.
 - Elevated user experience and operational efficiency by 30% by implementing secure role-based authentication using Google OAuth and Passport.js along with creator dashboards and payment analytics interfaces.
- **Project Team Leader, CivicSense** *Jan 2026 - Present*
 - Streamlined issue reporting and tracking efficiency by 50% by architecting and developing a full-stack civic issue reporting platform using Next.js, Node.js, PostgreSQL and Prisma with optimized workflows and structured data handling.
 - Boosted platform responsiveness and user engagement by 45% by engineering a real-time notification system using Socket.IO with live updates for issue status, comments and votes.
 - Reinforced application stability and data consistency by 40% by implementing secure backend architecture using JWT authentication, role-based access control, rate limiting and transaction-based database operations.

PROJECTS

- **CuraSync | Next.js, MongoDB, Node.js | Visit**
 - Built a secure SaaS healthcare application by developing a full-stack hospital management system supporting patients, doctors and hospitals.
 - Reduced unauthorized access by 95% by implementing role-based authentication using JWT, bcrypt password hashing and OTP-based email verification.
 - Automated medical document processing and reduced manual data entry effort by 40% through integration of Amazon OCR services.
- **Finexus | Spring Boot, React.js, MySQL | Visit**
 - Developed a scalable banking platform with modular architecture by building a microservices-based application using Spring Boot and React.js.
 - Improved communication reliability and application security by integrating Eureka Service Discovery, Spring Cloud Gateway and JWT-based authentication.
 - Reduced API response time by 25% by designing RESTful APIs and optimizing MySQL database operations using Spring Data JPA and OpenFeign.

SKILLS SUMMARY

- **Languages:** Java, C++, Python, JavaScript, SQL.
- **Frameworks:** Spring Boot, Next.js, React, Node.js, Express.js.
- **Backend & Databases:** PostgreSQL, MongoDB, MySQL, Prisma, Redis, REST APIs, Microservices.
- **Tools & Technologies:** Git, GitHub, AWS, Razorpay, Socket.IO, Passport.js, JWT Authentication.

CERTIFICATIONS AND ACHIEVEMENTS

- **Certifications:** Nutanix Certified Associate, Red Hat System Administration I (RH124), Cisco AI, Cisco Cybersecurity.
- Filed a patent for an Automatic Shoe Cleaning Machine.
- Top 50 among 300+ teams in HackIndia Hackathon 2024 (College Level); Developed a NFT Marketplace.
- LeetCode Contest Rating: 1723.
- Awarded Star Programmer along with 40 students selected from 2500+ for outstanding performance in programming.

POSITION OF RESPONSIBILITY

- **Content Head, GeeksforGeeks Student Chapter – CUIET** Chitkara University, India
 - *Handled speech writing and all content-related work within the club.* *July 2024 – November 2024*
- **Open Source Contributor** Hacktoberfest 2024
 - *Contributed to multiple open-source projects fixing bugs, and enhancing documentation.* *October 2024*