

# Chirag Yadav

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[github.com/chiragyadav2003](https://github.com/chiragyadav2003)    [chirag-yadav-portfolio-app.vercel.app/](https://chirag-yadav-portfolio-app.vercel.app/)

## Education

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**Maharaja Agrasen Institute Of Technology**

Expected July, 2025

Bachelor of Technology in Information Technology (GPA: 9.04 / 10.00)

New Delhi, India

- **Relevant Coursework:** Data Structures and Algorithms (C++), Full Stack Development Bootcamp(JavaScript)

## Summary

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Highly skilled and versatile full-stack developer with expertise in a wide range of technologies. Proficient in languages such as C, C++, Java, JavaScript, TypeScript, and HonoJs. Experienced in building scalable and efficient applications using React.js, Next.js, Node.js, Express.js, Flask, and MongoDB. Proficient in database management with PostgreSQL and proficient in version control using Git and GitHub. Skilled in using Appwrite, Prisma, Framer-Motion, Vercel, and Serverless technologies. Strong understanding of Prisma ORM, Connection Pooling, JWT, and Zod. Possesses excellent problem-solving skills, data structures and algorithms expertise, and experience in front-end and back-end development. Strong testing and debugging skills, with a focus on collaboration, creative thinking, and project management.

## Technical Skills

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**Languages:** C, C++, JavaScript, TypeScript

**Technologies:** React.js, Next.js, Redux, Recoil, Zustand, TenStack Query, Framer Motion Node.js, Express.js, Hono.js, Appwrite, Serverless (CloudFlare, CloudFlare-Workers), JSON, REST API's, MySQL, PostgreSQL, MongoDB, Prisma ORM, Connection Pooling JWT Authentication, Zod Validation, Vercel Deployment AWS, Docker

**Skills:** Compiler, Operating System, Virtual Memory, Cache Memory, Database Normalization, Encryption, Decryption, Problem Solving, Data Structures & Algorithms, Front-End, Backend-End, Testing, Debugging, Documentation, Collaboration, Creative Thinking, Project Management

## Projects

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**BudgetTracker** | *React.js, Next.js, PostgreSQL, Prisma, TypeScript, Clerk-Auth, TanStack Query, ReCharts, Tailwind, Shadcn UI, Zod*

- BudgetTracker is a cutting-edge end-to-end budget management application built using a robust technology stack that combines the power of TypeScript ReactJS NextJS PostgreSQL and a variety of other innovative tools.
- This comprehensive solution empowers users to effectively manage their financial lives by providing a seamless and intuitive interface for tracking income expenses and investments.
- It also includes the capability to export financial data to CSV files, providing users with a convenient way to analyze and manipulate their financial information

**DevBlog** | *React.js, Hono.js, Cloudflare-Workers, Serverless, JWT Auth, Hashing, PostgreSQL, Prisma-ORM, Connection Pooling*

- DevBlog is a simple blogging app where user can easily perform CRUD operation on their blogs very easily.
- Frontend is hosted using vercel and backend is deployed using Cloudflare-Workers.
- Custom NPM package publishing for sharing zod validation and type inference for frontend

**Paytm** | *Node.js, Next.js, TypeScript, Docker, AWS, CI-CD Pipeline, Bcrypt, Recoil, PostgreSQL, Prisma, NextAuth, TurboRepo*

- This project is a solo endeavor showcasing a web application inspired by digital payment platforms. Users can create accounts, transfer funds, and send money securely. The tech stack includes Node.js, Docker, AWS, TypeScript, Next.js, PostgreSQL, and more for a robust and efficient system.
- Users can create accounts transfer funds to their app wallet and send money to other users. The system ensures transaction integrity through database transactions mirroring the reliability of bank transactions. Successful transfers credit the recipient and debit the sender while any errors result in a rollback to maintain data consistency.
- By combining these technologies and functionalities my project aims to deliver a robust scalable and secure digital payment solution that provides a seamless experience for users.