

Ravi Kumar

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SKILLS

Languages:	C++, JavaScript, Python, PHP, C, SQL
Frameworks:	HTML and CSS, Bootstrap, NodeJS, React
Tools/Platforms:	MongoDB, WordPress, Blogspot, Google Analytics, Google Search Console, Canva
Soft Skills:	Problem-Solving, Team Player, Adaptability, Decision-making

PROJECTS

MyMoney — Personal Finance Tracker | React, Tailwind, Local Storage | [Link](#) May' 2024

- Built a **responsive personal finance web application** with **multi-account management, budgeting, and analytics dashboard**, enabling users to **track income and expenses 40% more efficiently** and improve financial visibility.
- Implemented **interactive charts, savings goals, and recurring transaction tracking**, helping users **increase savings by up to 25%** and improve **expense tracking accuracy by 35%**.
- Developed **offline-first architecture with secure PIN protection, backup/restore, and optimized UI**, resulting in **30% faster performance** and enhanced user experience across mobile and desktop devices.

AgriAccess | React.js, Node.js, Express.js, MongoDB, Chart.js | [Link](#) Nov' 2024

- Built a **data-driven analytics platform** using **React.js, Node.js, Express.js, and MongoDB** to analyze **landholding patterns, irrigation sources, cropping trends, and well-depth data** across India, processing **10,000+ data records**.
- Developed scalable **backend APIs** and optimized **database queries**, improving **data processing efficiency by 35%**, and integrated **interactive dashboards** using **Chart.js** for real-time visualization.
- Designed a **responsive and intuitive UI**, improving **data accessibility** for farmers and researchers and reducing information retrieval time by **40%** through structured data presentation.

Telegram Quiz Automation Bot | Python, Telegram Bot API, Gemini API | [Link](#) Aug' 2025

- Developed an **AI-powered Telegram automation bot** using **Python, Telegram Bot API, and Gemini API** to generate **subject-wise MCQs, detailed explanations, and practice tests** for educational channels serving **1,00000+ users**.
- Implemented **real-time messaging, automated scheduling, and multi-user handling**, enabling fully automated **quiz generation and delivery workflows** across multiple Telegram channels.
- Reduced **manual quiz creation effort by 80%**, improved **content consistency**, and increased **engagement rates by 25%** through intelligent automation and scalable bot architecture.

CERTIFICATES

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- | | |
|---|-----------|
| • Human Computer Interaction (In English) by NPTEL Link | Apr' 2025 |
| • Data Structures and Algorithms using C++ by LPU Link | Jul' 2025 |
| • Google Digital Marketing & E-commerce by Google Link | Nov' 2025 |

EXTRACURRICULAR

Volunteer at Krishi Educational and Health Seva Sansthan (NGO) Jun' 2024

- Participated in **community cleanliness drives**, executed **waste management initiatives**, and contributed to on-ground **public sanitation improvement projects**.
- Installed and **managed public dustbins** in coordination with the **Municipal Corporation**, promoting structured waste disposal and hygiene awareness.

EDUCATION

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- | | |
|---|---|
| • Lovely Professional University
Bachelor of Technology - Computer Science and Engineering; CGPA: 7.63 | Phagwara, Punjab
Aug' 2023 – Present |
| • St. John Secondary School
Intermediate; Percentage: 70% | Dumraon, Bihar
Apr' 2020 – Mar' 2022 |
| • St. John Secondary School
Matriculation; Percentage: 80% | Dumraon, Bihar
Apr' 2019 – Mar' 2020 |