

HARSHVARDHAN SINGH PARWAL

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Academic Details

Year	Degree/Exam	Institute	GPA/Marks(%)
Aug, 2021 - Present	B.TECH in Computer Science	Graphic Era University Dehradun	7.5/10
2021	12 th , C.B.S.E	Jawahar Navodaya Vidyalaya school	87 %
2019	10 th , C.B.S.E	Jawahar Navodaya Vidyalaya school	93 %

Internship

Full Stack Web Development Intern

July 2024 – Oct 2024

Technology Business Incubator (TBI), Graphic Era University, Dehradun, India

- Developed responsive web applications with a focus on user-centered design, enhancing interactivity and efficiency.
- Built reusable front-end components in React.js, boosting the modularity and responsiveness of applications.
- Implemented RESTful APIs with Node.js and Express.js to streamline server-client communication for seamless data flow.
- Contributed to IMExchange, a startup revolutionizing commercial shipping with AI-driven solutions, by enhancing platform tools for improved efficiency and innovation.
- Collaborated effectively within an agile team, gaining experience in version control, and sprint-based project management.

Projects

AI Notion Clone



January 2025 – Present

- **Tech Stack:** Next.js, Tailwind CSS, Cloudflare Workers, Liveblocks, Clerk, Firebase Firestore, OpenAI
- Built an application which enables real-time collaboration with live cursors and rich text editing, allowing multiple users to edit documents simultaneously without conflicts.
- It integrates AI for chat-to-document generation, and document summaries, with secure user authentication and real-time document storage.
- Features a sleek and responsive interface designed with Shadcn and Tailwind CSS, offering toast notifications, dialog prompts, and an intuitive user experience.
- Uses serverless technologies like Cloudflare Workers to ensure low-latency and scalable backend operations.

Personal Finance Tracker



Mar 2024 – Apr 2024

- **Tech Stack:** React.js, JavaScript, HTML5/CSS3, Node.js, Express.js, MongoDB
- A web application built to help users manage income, expenses, and savings, providing insights into spending habits and financial goals.
- Users can add, edit, and categorize transactions, visualize data through charts, and filter or sort by date and category for better financial tracking.
- Offers a seamless, user-friendly solution for tracking finances and making informed budgeting decisions.

Technical Skills

- **Languages:** C, C++, Java
- **Web Development:** React.js, Next.js, Node.js, Express.js, TypeScript, JavaScript(ES6+), WebSockets
- **Databases:** MongoDB, MySQL, Firebase Firestore
- **Tools/Platforms:** Git, GitHub, Cloudflare, Clerk, Liveblocks

Positions of Responsibility

- Assisted in the organization and management of the national-level hackathon "GRAPH-e-THON" in collaboration with Graphic Era University.
- Captain (Regional Team), U-19 National Football Championship, August 2019, Kokrajhar, Assam.