Harshvardhan Singh Parwal

📞 +91 6397383773 ✉ harshparwal52@gmail.com Github 🌐 Portfolio in LinkedIn

Internship

Full Stack Developer Intern   **July 2024 – Oct 2024**

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

- Built a modern portfolio website using NextJS, ensuring mobile responsiveness.
- Built reusable front-end components in ReactJS and NextJS, improving applications' modularity and responsiveness.
- Collaborated with a team of 4 to implement RESTful API using NodeJs and Express, ensuring flawless data flow between the frontend and backend.
- Integrated Clerk-based authentication securing user access.
- Contributed to IMExchange, a startup revolutionizing commercial shipping with AI-driven solutions, by enhancing platform tools for improved efficiency and innovation.
- Integrated the front-end with Material-UI and AntDesign components, reducing development time my 30% through reusable design elements.

Academic Details

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

Projects

AI CollabNote ⌂   **January 2025 – Present**

- **Tech Stack:** Next.js, Tailwind CSS, Cloudflare Workers, Liveblocks, Clerk, Firebase Firestore, OpenAI
- Developed a collaborative editing tool using Liveblocks, enabling 10+ users to work on documents in real time with live cursors, reducing editing conflicts and improving project completion rates by 30%.
- Implemented secure authentication using Clerk, enabling seamless user login and sign-up.
- Integrated OpenAI for document summarization, enabling users to generate accurate summaries in under 5 seconds, improving productivity.
- Utilized Cloudflare Workers for serverless execution, resulting in faster backend response by 30%.

Personal Finance Tracker ⌂   **Mar 2024 – Apr 2024**

- **Tech Stack:** React.js, JavaScript, HTML5/CSS3, Node.js, Express.js, MongoDB
- Developed a web application allowing users to manage income, expenses, and savings with CRUD operations.
- Implemented real-time data visualization with charts and tables, enhancing user experience.
- Implemented sort functionality by date and category, enabling users to reconcile personal accounts 50% faster than previously spent using spreadsheets.

Technical Skills

- **Languages:** C, C++, Java, Javascript
- **Developer Tools:** Git, Cloudflare Workers, VS Code, Github
- **Technologies/Frameworks:** ReactJS, NextJS, NodeJS, ExpressJS, TypeScript, MongoDB, Firebase Firestore, MYSQL, Liveblocks, TailwindCSS

Positions of Responsibility

- Implemented a new judging rubric for the 'GRAPH-e-THON' hackathon, ensuring fair evaluation of 50+ projects and resulting in selection of 3 winning teams based on innovation and impact.
- Captain (Regional Team), U-19 National Football Championship, August 2019, Kokrajhar, Assam.