Harsh Goyal

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Education

Bachelor of Arts(BA), Indra Gandhi National Open University   **July '22 – july '25**

Experience

NullClass | Link   **July '23 - Sept '23**

- Optimized RESTful API endpoints, reducing latency by 30% and enhancing system responsiveness for a smoother user experience.
- Designed and implemented caching strategies to accelerate data retrieval and boost server efficiency.
- Built a scalable codebase, cutting integration time by 50% and ensuring maintainability.

Skills

- **Technical Skills:** Data Structures and Algorithms, MERN Stack, React.js,Next.js, HTML, CSS (Bootstrap, Tailwind), SEO Optimization, API Development (MongoDB, Express.js, Node.js), MySQL , Git, Github, OOPS
- **Soft Skills:** Team Collaboration, Communication, Addressed, Coordinated

Projects

StudyNotion | Link

- Engineered StudyNotion, an advanced edtech solution using the MERN stack (MongoDB, Express.js, React, Node.js).
- Implemented a Adaptive learning environment with features such as adaptive course materials, interactive student dashboards, and robust backend services for efficient data management.
- Emphasized scalable architecture, responsive design, and real-time user engagement to enhance educational delivery and streamline administrative processes.

ZenCart | Link

- Planned and rolled out a **scalable e-commerce platform** incorporating comprehensive backend solutions and engaging frontend features for ZenCart.
- Serviced **key features** such as product management, user authentication, and payment gateway integration.
- Designed a **responsive interface** to optimize user experience and ensure operational efficiency.

JobMingle | Link

- Crafted **JobMingle**, a sophisticated job portal website with a well-architected backend and an appealing front-end design.
- Built a **scalable platform** featuring real-time job listings, efficient candidate tracking, and advanced search capabilities.
- Focused on **performance optimization** and **secure data handling** to deliver a reliable and high-performance job portal.

Certificates

Master Full stack Web development (MERN) | Certificate   **April '23 – September '23**

- Developed and deployed scalable web applications using modern JavaScript frameworks, including React, Node.js, and Express.js.
- Applied industry best practices in full stack development to create robust and efficient web applications, ensuring optimal performance and scalability.

Certificate of Participation in Backend Web Development Bootcamp | Certificate   **April 15' 23 – April 22' 23**

- Acquired hands-on experience in backend web development, focusing on server-side programming, RESTful APIs, and application deployment.
- Successfully completed a 7-day bootcamp on Backend Web Development, covering JavaScript, Node.js, and Express, organized by DevTown in collaboration with MLSA KIIT and GDSC KIIT chapters.

Data Structure And Algorithms | Certificate   **October '22 – March '23**

- Gained proficiency in essential data structures and algorithms, enabling effective Diagnosed and code optimization.
- Applied advanced algorithmic strategies and data management techniques to design and implement optimized solutions for complex computational challenges.