Nitish Yadav

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Bachelor of Technology

Personal Portfolio

Computer Science and Engineering

GitHub Profile

Gurukula Kangri (Deemed to be) University, Haridwar

LinkedIn Profile

SUMMARY

I am currently a senior undergraduate at the FET(GKV), Haridwar. Always passionate about exploring new technologies and working on them. I've had projects and work experience with Full Stack Web Dev & Software Dev.

EDUCATION

Degree	Institute	Board / University	CGPA/Percentage	Year
B.Tech	Gurukula Kangri University, Haridwar	GFTI Haridwar	8.8 GPA	2020-24
XII th	Central Hindu Boys School, Varanasi	CBSE	88%	2019
X th	Sun Flower Convent School, Ghazipur	CBSE	10 CGPA	2017

EXPERIENCE

- **TechPyro**   *Oct 2023 - May 2024*
  Full Stack Web Developer   Haridwar
  – **Worked on Front-end development** of multiple projects like **E-Commerce, Hotel, School Websites**. Crafted the **UI and UX** to ensure a **visually appealing and responsive design** and built the **backend APIs** and used the existing APIs.
  – **Working on Back-end development** Building **robust and scalable backend systems** that power your applications with efficiency
  – **Frontend Technologies : HTML, CSS, Tailwind-CSS, Material-UI, JavaScript, Next.js, React.js, Redux.**
  – **Backend Technologies: Node.js, Express.js, Django, Python, RESTful-API, GraphQL, SQL(MySQL), NoSQL(MongoDB).**
  – **DevOps Knowledge : CI/CD pipelines, containerization (Docker), AWS-Cloud and and version control (Git & Github).**

PROJECTS

- **Campground Management System**   *Feb 2024 - March 2024*
  Backend Development   **Github Link**
  – Developed a Web Application for **Campground Management** using Express **Framework of Node** and **MVC** architecture.
  – Used **MongoDB database**, wrote queries to support **CRUD operations** and used **JWT** for authentication & ODM library.

- **SoundHub : An E-commerce Website Using MERN Stack**   *Dec 2023 - Feb 2024*
  MERNify boAt-Clone Hub   **Github Link**
  – Implemented key features, enhancing the platform with **login, signup, cart, checkout, payment, order, and order details pages, as well as Google authentication, and a fully responsive design** with crafted UI and UX.
  – During the project I have worked on **Next.js used Redux** as liabrary of JS and integrated API using MERN Stack and MVC architecture. Used **MongoDB database**, wrote queries to support **CRUD operations** and used **JWT** for authentication.
  – Ensured responsiveness and streamlined product ordering with **secure payment option of Razorpay.**
  – **Exposure: Next.js , JavaScript , Tailwind-CSS, Material-UI, Redux, Express.js, Node.js, JWT, MongoDB, AWS-Cloud.**

- **Nyka : A Blog Website Using MERN stack**   *Oct 2023 - Dec 2023*
  MERNify Blog Website   **Github Link**
  – Developed a dynamic **React.js and TypeScript project**, utilizing the **GraphQL API** for real-time data retrieval.
  – Implemented a **user-friendly blog website** performance through strategic optimization, featuring blog visibility through APIs.
  – **Exposure : React.js , JavaScript , MySQL , Tailwind-CSS , HTML , Redux , Node.js, Express.js, Mongoose, MongoDB.**

TECHNICAL SKILLS

- **Programming Languages**: C++ , Java , JavaScript , SQL , LATEX.
- **Tools and Frameworks**: Visual Studio , IntelliJ IDEA , MySQL Workbench , Kali Linux , Git & GitHub , MongoDB-Atlas.
- **Interests**: Web and App Development , Software Development , Blockchain, Artificial Intelligence & Machine Learning.

KEY COURSES

- **Computer Science**: Intro to C/C++, Object Oriented Programming in Java, Data Structures and Algorithms, Operating System, Database Management System, Computer Networks, Machine Learning , Blockchain, Introduction to IOT.
- **Electronics and Communication**: Digital Electronics, Analysis and Synthesis of Networks, Analog Integrated Circuits, Analog Communication Systems.

CERTIFICATIONS

- **C++ For C Programmers** University of California.
- **OOPs with Java** University of Stanford.

POSITIONS OF RESPONSIBILITY

- **Team Leader**, **Frontend Development Team**, at TechPyro and active member in Backend team.   *Dec 2023 - Feb 2023*

ACHIEVEMENTS

- **Competetive Programming**, Solved **Around 300+ questions** on Data Structure and Algorithms on **GFG, Leetcode.**
- **Cyber Security**, **Hacked Wi-Fi password** using Linux O.S on Kali Linux platform.