AYUSH GUPTA

Sector 142 Noida, India

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Experience

Newgen Software   **Mar 2025-Present**
Software Engineer   *Noida, India*
- Developing **BPM solutions** with **Java, SQL**, focusing on workflow automation and enterprise applications.
- Implementing **ECM solutions**, handling **data management, system integration, and API connectivity**.
- Building **responsive web applications** using **HTML, CSS, JavaScript** for seamless front-end experiences.
- Contributing to **deployment, debugging, and performance optimization** for scalable enterprise solutions.

Lenskart   **June-July 2024**
SDE Intern   *Gurgaon, India*
- Built a **Remote Optometry Service** using **React**, **Node.js**, and **WebRTC**, enabling remote eye tests without in-store optometrists, improving test quality by **20%**.
- Designed a child-friendly **pediatric eye test** with **Redux**, enhancing engagement through an intuitive interface and increasing interaction by **25%**.
- Developed a scalable **staff allocation system** with **Express.js** for backend APIs and **Socket.IO** for real-time updates, enhancing user experience and reducing appointment dropouts by **13%**.

Indian Institute of Technology Roorkee   **May-July 2023**
Reserach Intern   *Roorkee,India*
- Developed **ML algorithms** and **PHA Works** to mitigate 50+ safety risks, reducing incidents by 40%.
- Enhanced risk assessment models, improving decision-making processes by 25%.
- Leveraged **predictive modeling** to optimize safety protocols and minimize operational risks.

Projects

LaserX Clothing Store (Live Link) (Code) | *React.js, Next.js, Express.js, MongoDB, Mongoose, Nodemailer, Figma*
- Implemented **product swatches**, **advanced filters**, and **video galleries** using **React.js** and **Next.js**, with **MongoDB** for data management and **Mongoose** for schema modeling.
- Integrated **Google OAuth**, **JWT authentication**, and **Stripe API** for secure payments and fraud detection, with **multi-currency support** and **account recovery**.
- Automated **order confirmation emails**, **shipping notifications**, and **personalized promotions** using **Nodemailer**, enhancing user engagement through automated follow-ups.

Instafam (Live Link) (Code) | *HTML, CSS, JavaScript, React.js, Express.js, MongoDB, Node.js*
- Engineered a **Social Media App** with robust user authentication and real-time social interactions, effectively managing 1000+ concurrent users with **React.js**, **Node.js**, and **MongoDB**.
- Developed key user engagement features such as profile management, follow/unfollow functionality, and email-based search, leveraging **React Redux** for efficient state management.
- Optimized the user experience with a fully **responsive design**, integrated **welcome emails**, and **password reset notifications**, improving user retention and interaction by 30%.

LaserX Acad (Live Link) (Code) | *Next.js, TypeScript, Tailwind CSS, Redux, NextAuth, Framer Motion, Node.js, MongoDB, Zod, Redis, Socke*
- **Full-fledged e-learning platform** with a complete course management system, live classes, and interactive learning.
- Scalable and optimized **Next.js frontend** with smooth animations and state management using Redux.
- **Robust backend architecture** with authentication, payment integration, and real-time communication.
- Secure API endpoints ensuring **data validation, authorization, and efficient database operations**.

Education

Zakir Husain College of Engineering and Technology, Aligarh Muslim University   **Aug 2021 - May 2025**
Bachelor of Technology- B.Tech   *Aligarh, India*

Kendriya Vidyalaya JLA Bareilly Cantt   **Bareilly, India**
12th - 94.6% (2020-21)
10th - 94.8% (2018-19)

Technical Skills

Languages: C/C++ Python, HTML/CSS, JavaScript,Tpescript, SQL
Technologies/Frameworks: React.Js,Vue.Js, Next Js, Node.js , ExpressJs, NestJS, Golang, Bootstrap
Familier Databases: MongoDB, MySQL, NoSQL, Azure, AWS
Developer Tools:Git, Github, Google Cloud Platform,UI/UX, Redux, AJAX,Git, Postman, Firebase, CI/CD Pipeline, Jenkins, Kubernates, SLDC Lifecycle, SolidWorks, Figma, Microsoft Office Suite