# AYUSH GUPTA

Sector 142 Noida, India

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## Education

**Zakir Husain College of Engineering and Technology, Aligarh Muslim University**     **2021 - June 2025**
*Bachelor of Technology in Mechanical Engineering*     *Aligarh, India*

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

## Experience

**Lenskart**     **June-July 2024**
*Software Engineer 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%**.

**SafeMax Security**     **Nov-Dec 2024**
*Full Stack Developer Intern*     *Remote*

- Led the development of the website, improving user experience and performance.
- Developed responsive user interfaces using **React.js**, applying best practices with **React hooks** and **event handling**.
- Led a remote team of interns, ensuring timely task completion and maintaining productivity across all deliverables.

**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%.

**SafeMaX Security** (Live Link) (Code) | *React.js, Express.js, MongoDB, Node.js, JWT*

- Designed a responsive landing page for SafeMax Security using **React.js** and **CSS3**, enhancing user engagement with dynamic transitions and smooth interactions.
- Engineered a scalable appointment booking system with a custom **admin CMS** on **Node.js** and **Express.js**, enabling real-time scheduling and management.
- Developed a query management system with **MongoDB** and **Node.js**, streamlining client interactions and automating appointment tracking.

## Technical Skills

**Languages**: C/C++ Python, HTML/CSS, JavaScript,Tpescript SQL
**Technologies/Frameworks**: Nodejs ,Express Js, Bootstrap
**Familier Databases**: MongoDB, MySQL, NoSQL, Azure
**Developer Tools**:Git,Github, Google Cloud Platform,UI/UX, Redux, AJAX,Git, Postman, Firebase, SolidWorks, Figma, Microsoft Office Suite