SHREYA RAI

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Education

Pimpri Chinchwad College of Engineering and Research	**2026**
B.E in Computer Engineering	*9.27/10 CGPA*
GG International School	**2022**
Central Board of Secondary Education-(12th grade)	*Percentage: 95.2%*

Work Experience

Pylon Labs   **Aug 2024 – Oct 2024**
Frontend Developer Intern

- Developed high-performance responsive UI using React, JavaScript, and the latest modern UI libraries to ensure seamless functionality across multiple devices.
- Led the redesign of the company's product page which improved user experience and yielded positive impacts on user engagement.
- Collaboratively worked to build complex features to critical bugs and continued improvement on the application performance.
- Demonstrated strong attention to detail and initiative in improving web applications, and delivering high-quality, efficient frontend solutions.

Bluestock   **Jul 2024 – Aug 2024**
Software Developer Intern - Team Lead

- Led to the development of a real-time IPO Web Application along with REST API.
- Developed consistent UI using HTML, CSS, JavaScript, and Bootstrap ensuring responsiveness.
- Developed backend services using Python and Django with PostgreSQL for management.
- Utilized Notion to track the workflow of the team and ensured high-quality code with regular testing.

Skills

Languages: JAVA, Python, C++, JavaScript, TypeScript	**Backend:** Node.js, Express.js, RESTful API, GraphQL
Programming Skills: Data Structures and Algorithms	**Databases:** MongoDB, SQL (PostgreSQL, MySQL)
	Developer Tools: Postman, VS Code, GitHub, Git
Frontend: Next.js, React.js, HTML, CSS	**Operating System:** Windows, Linux

Projects

PixelGenie - AI Image SaaS Platform   PixelGenie

- Implemented **advanced image processing features** including generative fill, object eraser, etc.
- Integrated Clerk for **secure user authentication** and Stripe for **credit transactions**.
- Utilized **MongoDB for data management**, and **Cloudinary for storage and processing**.
- **Tech stack:** Next.js, TypeScript, Tailwind CSS, Shadcn, MongoDB, Clerk, Cloudinary, Stripe

WebChatConnect: Real-time chat application   WebChatConnect

- Developed a MERN Stack-based **chat application**, reducing response time and increasing user engagement.
- Improved **security** with JWT integration, ensuring robust user authentication and authorization.
- Enhanced **real-time communication with Socket.io**, improving responsiveness and flexibility.
- **Tech stack:** MongoDB, Express, React, Node.js, Tailwind CSS, JWT, Socket.io

Online Courses & Certifications

- Web Development - MERN (2024)
- Data Structures and Algorithms in Java (2024)

Achievements & Participations

- Led a team in the **Smart India Hackathon-2024**, delivering innovative solutions in **Web3**.
- Achieved **1st rank** in university for **Engineering Mathematics**, highlighting excellence in academic performance.