

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

Bluestock Fintech

Jul 2024 – Aug 2024

Software Developer Intern

- Led a team in developing an IPO web application and REST API to provide detailed IPO information.
- Utilized HTML, CSS, JavaScript, and Bootstrap for a responsive front-end interface while leveraging Django for robust backend development and seamless integration with PostgreSQL.
- Ensured high-quality code with regular testing and strict adherence to security standards.

Skills

Languages: JAVA, Python, C++, JavaScript, TypeScript

Programming Skills: Data Structures and Algorithms

Frontend: Next.js, React.js, HTML, CSS

Backend: Node.js, Express.js, RESTful API, GraphQL

Database: MongoDB, SQL

Developer Tools: Postman, VS Code, GitHub, Git

Operating System: Windows, Linux

Projects

PixelGenie - AI Image SaaS Platform

[PixelGenie](#)

- Implemented **advanced image processing features** including **photo restoration (50% improvement)**, color adjustment, generative fill, object eraser, background removal, and smart image search capabilities.
- Integrated Clerk for **secure user authentication** and Stripe for **credit transactions**, boosting user trust by 25% and enhancing cross-device experience.
- Designed a community gallery, utilized MongoDB for **data management (20% faster data retrieval)**, 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 customer response time by 40% and **increasing user engagement** by 20%.
- Enhanced **security** with JWT integration, reducing unauthorized access attempts by 30% and ensuring robust user authorization.
- Optimized **real-time communication with Socket.io**, improving responsiveness and flexibility by 35%.
- **Tech stack:** MERN Stack, Tailwind CSS, JWT, Socket.io

ArticleEase: AI Article Summarizer.

[ArticleEase](#)

- Spearheaded the development of ArticleEase, a React.js-based web app for **summarizing 100+ articles**, enhancing accessibility and efficiency.
- Incorporated **Rapid API**, enhancing application performance by 40% and **user engagement** through streamlined functionalities.
- Crafted an **intuitive UI**, increasing user retention by 25% and improving overall usability.
- **Tech stack:** React.js, Rapid API

Online Courses & Certifications

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

Achievements & Participations

- Distinguished participant in the **Smart India Hackathon-2024**, contributing to a team in the development of a Freelance application with **Web3** integration
- Secured the runner-up position at **CoDecode**, a **DSA** competition hosted by **IIT-Bombay**, outperforming over 200 participants.
- Achieved **1st rank** in university for **Engineering Mathematics**, highlighting excellence in academic performance.