

Prerna Sharma

Full Stack Developer

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LinkedIn

GitHub

Bareilly • Uttar Pradesh

Education

- Pursuing Bachelor of Technology at Invertis University (2023–2027), CGPA: **9.3**.
- Completed Higher Secondary (10th) in 2019 & Senior Secondary (12th) in 2021 from Shri Gulab Rai Montessori School Dohra Road, Bareilly.

Skills

- Programming Languages:** Java , JavaScript (ES6+) , Python , C
- Backend:** Node.js , Express.js , REST APIs , EJS, SSR, MVC, Authentication, bcrypt
- Frontend:** HTML5 , CSS3 , Bootstrap , jQuery , ReactJS
- Databases:** MySQL , MongoDB , PostgreSQL, SQL
- Core CS:** Data Structures & Algorithms (Java) , Object-Oriented Programming , DBMS , Operating Systems
- APIs & Libraries:** Groq LLM API, Web Speech API, Open Library API, Dog CEO API, Axios
- Tools:** Git, GitHub, Postman, VS Code, IntelliJ IDEA, AI Tools
- Cloud & Deployment:** Render, Railway, GitHub Pages

Projects

AI Voice & Text Translator (GitHub) Node.js • Express.js • JavaScript • Web Speech API • translate-google API • Render - Built a real-time multilingual translation platform supporting voice and text interactions in 20+ languages. - Integrated Web Speech API and translate-google API for real-time speech recognition, translation and text-to-speech. - Developed RESTful APIs with translation history and chat export functionality to enhance usability.	Mar 2026 Individual Project
AI Quiz Generator (GitHub) Node.js • Express.js • JavaScript • Groq LLM API • Render - Built an AI-powered quiz platform that dynamically generates topic-based MCQs using Groq LLM API. - Implemented timed assessments with automated scoring and instant performance analytics. - Developed RESTful APIs for quiz generation, evaluation and score calculation.	Mar 2026 Individual Project
Readora (GitHub) Node.js • Express.js • EJS • PostgreSQL • Axios • Open Library API • Render - Built a full-stack book reading journal with CRUD functionality for managing books, ratings, reading dates, and personal notes. - Integrated the Open Library REST API using Axios to dynamically fetch book metadata and cover images. - Implemented PostgreSQL database operations, Express.js routing, and EJS server-side rendering for dynamic, responsive pages.	Aug 2026 Individual Project
Pawtopia (GitHub) Node.js • Express.js • JavaScript • EJS • Axios • Dog CEO API • Render - Built a server-side rendered (SSR) dog discovery platform using Node.js, Express.js and EJS. - Integrated Dog CEO REST API to fetch and display live breed, sub-breed and image data dynamically. - Developed a responsive UI with reusable EJS templates and modular Express.js routing for seamless navigation.	Jul 2026 Individual Project

Experience

Java Full Stack Intern EduSkills Academy AICTE-EduSkills - Completed a 10-week virtual internship focused on Java full-stack web development. - Built a Markdown-to-HTML Converter using Core Java and backend parsing concepts. - Applied Core Java, MySQL and Git while following version control best practices. - Strengthened fundamentals of Object-Oriented Programming (OOP), database design and backend development.	Jan - Mar 2026
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Achievements

- Presented a research paper titled “Metaverse and Virtual Reality” at the 4th International Conference on Computational Techniques: Recent Trends & Issues (ICCT-2025).
- Successfully completed the AICTE EduSkills Java Full Stack Internship (10-week Virtual Internship).
- Maintaining 9.3 CGPA in B.Tech (CSE).

Certifications

Professional Certifications ↗

- Full stack Programming Course | Udemy
- Java Full Stack Internship | AICTE-EduSkills
- Java Programming Mastery | Udemy
- IBM Python 101 for Data Science | IBM Cognitive Class
- NumPy Programming Mastery | Udemy