

Pritam Roy

 pritamroy1305 |  pritamroy1305 |  pritamroy13052003@gmail.com |  +91-9734866278

SUMMARY

Full-Stack Software Engineer with expertise in building scalable web applications, AI-powered platforms, and real-time systems. Skilled in backend development, REST API design, database architecture, authentication systems, and cloud deployment, backed by strong fundamentals in data structures, algorithms, and software engineering principles.

EXPERIENCE

- Ardent Computech Pvt. Ltd. – Web Development Intern**

June 2024

 - Completed a 8 week industrial internship in web development using HTML, CSS, JavaScript, Bootstrap, React
 - Developed responsive web interfaces and gained practical front-end development experience.
- Coding Ninjas – Campus Ambassador**

May 2023 - Sep 2023

 - Promoted programs, organized technical events, and increased student engagement through targeted outreach.

PROJECTS

- Questly – AI-Powered Learning Companion** (GitHub)

Developed a full-stack, real-time, voice-driven educational platform that acts as a personal AI mentor:

 - Engineered a responsive frontend using **Next.js**, **TypeScript**, **Tailwind CSS**, and **shadcn/ui**.
 - Implemented secure authentication, authorization, and user session management using **Clerk**.
 - Integrated **Vapi** for real-time, voice-based AI conversations enabling personalized learning experiences.
 - Designed and implemented subscription-based billing workflows using **Stripe** with tiered access control.
 - Built a scalable backend using **Supabase** (**PostgreSQL**, Realtime, Storage) to manage user data, session history, and search functionality.
- ShopSphere – Full-Stack MERN E-Commerce Platform** (GitHub)
 - Built a full-stack **MERN** e-commerce platform using **React.js**, **Vite**, **Node.js**, **Express.js**, and **MongoDB**, featuring user authentication, product catalog management, search, reviews, and role-based admin controls.
 - Implemented end-to-end shopping workflows including cart management, checkout, order tracking, **PayPal** payment integration, and **Cloudinary**-based image storage and optimization.
- Real-Time Chat Application** (Live Demo)
 - Built a real-time messaging application using **Socket.IO**, **Node.js**, and **Express.js**, enabling instant bidirectional communication between multiple connected users.

EDUCATION

2022 - 2026	Bachelor's of Engineering at MAKAUT University	(CGPA: 7.97/10.0)
2021	Class XII - CBSE	(Grade: 82%)
2019	Class X - ICSE	(Grade: 89%)

SKILLS

Languages	JavaScript (ES6+), TypeScript, SQL, Python, Java, C, HTML, CSS
Frontend	React.js, Next.js, Tailwind CSS, shadcn/ui
Backend	Node.js, Express.js, REST APIs
Databases	PostgreSQL, MySQL, MongoDB, Azure SQL, Redis
ORM & Data Modeling	Prisma, Mongoose, Schema Design & Migrations
Auth & Payments	Clerk (Authentication), Stripe (Subscriptions & Billing)
Cloud Services	AWS
Cloud & Tools	Git, GitHub, Postman, Vercel, Netlify, Figma
CS Fundamentals	Data Structures & Algorithms, Object-Oriented Programming (OOP), Database Management Systems (DBMS)

ACHIEVEMENTS

- Represented college at the Inter-college Startup Presentation (Startup Ki Pathshala 2025).
- Solved 130+ Data Structures and Algorithms problems on LeetCode (leetcode.com/Pritamroy1305).
- Founded and led a college coding group to drive peer-to-peer DSA practice and collaborative problem-solving.