

# Achinta Hazra

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## Technical Skills

- Data structures and algorithms (DSA)
- Object-oriented programming (OOP)
- Database management (MySQL, MongoDB, PostgreSQL)
- HTML5 and CSS3
- JavaScript and React.js
- Node.js and Express.js
- Team collaboration
- Development tools (VS Code, Postman)
- API integration (REST APIs)
- Python and Java
- Numpy

## Projects

- **DevCollab:**

**DevCollab** is a full-stack collaborative development platform built with Next.js 14, React 18, TypeScript, and Tailwind CSS, powered by a Node.js + Express backend with MongoDB, Redis, AWS S3, and Cloudinary. It offers real-time code editing, syntax highlighting for 20+ languages, live file synchronization, conflict resolution, and version history. The communication suite includes integrated video/voice chat, text chat, screen sharing, and whiteboard tools. Project management features include Kanban boards, task assignment, sprint planning, milestone tracking, and analytics. The platform supports role-based authentication with JWT, bcrypt, and OAuth, plus Docker-based deployment, GitHub Actions CI/CD, and cloud hosting via Vercel, Railway, and MongoDB Atlas. Sentry, Google Analytics, and Web Vitals ensure robust monitoring and performance tracking.

- **Portfolio Website:**

A dynamic and feature-rich portfolio built with Next.js, React, and Tailwind CSS, powered by an Express + MongoDB + Cloudinary backend. Includes secure JWT, bcrypt, and OAuth authentication, role-based authorization, Framer Motion animations, file-based routing, and an intuitive admin dashboard with automated file/project uploads via Multer for seamless content management.

## Education

**Durgapur Institute of Advanced Technology and Management (DIATM) West Bengal**

**B. Tech: Computer Science & Engineering**

- Expected Graduation: June 2026
- GPA: 8.2

## Websites

- <https://www.achintahazra.shop>

## Certifications

- Oracle Cloud Infrastructure 2025 Certified Generative AI Professional
- Internship on IEEE CIS KOLKATA in Development of Agent AI for Cybersecurity.
- Web Development Bootcamp, Teachnook, 2023
- Python for Everybody, Coursera, 2023
- Java Development, Cadeasy 2024
- ML using Python, Cadeasy 2024

## Availability

- Internships
- Full-time roles
- Freelance projects

## Interest Areas

- Full-Stack Development
- Software Engineering
- Open Source