

Kaniska Ranjan Barman

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EDUCATION

Guru Ghasidas Vishwavidyalaya, Bilaspur

2022 – 2026

B. Tech in Computer Science and Engineering

Jawahar Navodaya Vidyalaya, Alipurduar

2015 – 2022

Higher Secondary (class 12th), CBSE | Science Stream

EXPERIENCE

Coding Cloud Institute, Pune (On-site)

Dec 2025 – Feb 2026

Java Trainer

- Experienced in teaching Java, advanced Java, Servlets, JSP, Hibernate, Spring Boot, Git.
- Guided and mentored working industry professionals for their job project requirements.
- Responsible for curating syllabus, study flows and managing records of everyday sessions and other managerial works.

Java Pro Academy, New York (Remote)

May 2025 – Aug 2025

Full-Stack Developer Intern

- Spearheaded front-end development using Vaadin Flow, Spring Boot, later transitioned to ReactJS.
- Collaborated in building 30+ features for a Learning Management System (LMS) using Test-Driven Development (TDD) methodologies, improving test coverage to 95%+.
- Enhanced team CI/CD pipeline with Jenkins and Docker, reducing deployment through automation.

PROJECTS

AI Powered HRMS App | [Live Link](#)

Feb 2026 – present

- Built a full-stack HRMS where HR teams create job forms, manage applicants, and onboard candidates via a CRM interface which have Ollama LLM with **tool-calling** AI autonomously sends emails and updates statuses through chat.
- Implemented semantic candidate search using **pgvector + Voyage AI embeddings**, with **Google OAuth2 + JWT** auth role based access, **AWS S3** storage, and **Brevo** for transactional emails.

- Deployed on **AWS C2** with Cloudflare routing, **Vercel** for frontend, and automated CI/CD via cron jobs and shell scripts.

-Tools and technologies used :NextJS, Spring Boot, lombok, maven, modelmapper, swagger API, JWT, tailwind css, Spring Ai, AWS IAM, AWS EC2, Cloudflare.

Chat-App | [GitHub Repository Link](#)

Feb 2025 – March 2025

- Developed a real-time chat application with a simple user interface, allowing users to instantly create and join chat rooms.
- Implemented message history with timestamps so new participants can easily follow previous conversations.

-Tools and Technologies used: Java, Spring Boot, Web Socket, Maven, HTML, Tailwind CSS, JavaScript, ReactJS, Docker, Git, GitHub, Linux.

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript

Development: HTML, CSS, ReactJS, NextJS, Tailwind CSS, Headless UI, Vaadin Flow, Spring Boot, Spring AI.

Developer Tools: Git & GitHub, Postman, Docker, Debian, Fedora.

Cloud/Databases: Platform.sh, Render, AWS, MySQL, MongoDB.

Soft Skills: Team Collaboration, Problem Solving, Effective Communication.

Areas of Interest: Open Source Contribution, DevOps and Cloud Infrastructure, Automation and CI/CD Pipelines.

CO-CURRICULAR ACTIVITIES

Google Developer Groups on Campus
Partnership and Coordination Lead

Sept 2024 – Aug 2025

GeeksforGeeks Student Chapter GGV
Game Development Lead

Oct 2024 – May 2025