

ABHISHEK KUMAR MOHANTY

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EDUCATION

Indian Institute of Technology Patna (CPI - 8.68)

Bachelor of Science in Computer Science and Data Analytics

Bihta, Bihar

Aug. 2023 – Aug 2026

EXPERIENCE

• Research Intern

May 2025 – Aug 2025

Agartala, Tripura

IIT Agartala

- Worked on **Brain Tumor Classification** using a hybrid **DTC-ELM** model optimized with **Salp Swarm Algorithm (SSA)** for feature selection and **Honey Badger Algorithm (HBA)** for hyperparameter tuning under the guidance of **Dr. Parijata Majumdar**.

• Full Stack Developer Intern

July 2025 – Oct 2025

Remote

Code With Dhruv

- Built key features for a **Next.js + Supabase** admin platform, including paginated tables, filtering, CSV export, optimized API routes, and server-side pagination across orders and inventory modules.
- Improved overall **UI/UX** with reusable components, dark mode support, media validation, fallback handling, and delivered a full **Promotion management** workflow with **CRUD APIs** and automated updates.

PROJECTS

• BlogSphere / MERN Stack, Redux, Tailwind, Firebase

Mar 2025 – May 2025

GitHub Live Demo Video Demo

- Built a full-featured **Blogging platform** with Google **OAuth**, **JWT** auth, email verification, user profiles with **Cloudinary** uploads, a rich **EditorJS** blog editor, and engagement features like likes, comments, and followers.
- Developed an **MVC**-structured backend and a fully responsive UI for scalable performance across devices.

• Ocean / Next.js, Nylas, Supabase, Prisma

Jun 2025 – July 2025

GitHub

- Developed a full-stack **Scheduling app** with **real-time calendar** and **meeting management** using Nylas API.
- Implemented **OAuth** (Google/GitHub) and custom auth via **Next-Auth** with **Supabase Postgres** backend.
- Built dynamic booking form with real-time availability, validation (**Zod + Conform**), and **email confirmations**.
- Created responsive landing page and dashboard UI using TailwindCSS and Shadcn UI.

• PingMe – A Social App /MERN Stack, TanStack Query, Tailwind

May 2025

GitHub Live Demo Video Demo

- Built a production-grade real-time chat and video calling app with a friend system, secure JWT authentication, protected routes, and a smooth onboarding flow.
- Developed responsive UI with 32 customizable themes, optimized API endpoints, and reliable real-time communication across chat and calls.

ACHIEVEMENTS

• Sub-Coordinator of the Web Development Club at IIT Patna.

• Open Source Contributor - Hacktober fest'24, GSSoC'24 | 8 pull request successfully merged.

• Successfully solved over 150+ LeetCode problems, demonstrating problem-solving and coding skills.

• CodeChef: Rating 1300+ in competitive programming.

• DevSprint Winner @ IIT Patna (Mar 2025): 1st place for “HomeThing” project. Project Link

TECHNICAL SKILLS

Languages: Python, C/C++, JavaScript, TypeScript, HTML/CSS, R

Web Development: React, Next.js, Node.js, Express.js, Django, Tailwind CSS, TanStack Query

Databases: Supabase, PostgreSQL, MongoDB, MySQL

Tools & Others: Prisma, Zod, Git, Docker, GCP, JWT, Socket.io, VS Code, IntelliJ, PyCharm

Libraries: pandas, NumPy, Matplotlib