PULKIT SINHA

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EDUCATION

International Institute of Information Technology, Bhubaneswar *Nov 2021 – June 2025*
Bachelor of Technology - Information Technology **CGPA: 8.28**

EXPERIENCE

Neophyte.AI *May 2024 – July 2024*
Software Engineer Intern Remote

- Contributed to both **frontend** and **backend** across two distinct company projects, TIRA and DISHA
- Utilized the **MERN stack** and **Redux** toolkit to enhance application functionality
- Developed **robust server APIs** using **MongoDB Aggregation Pipelines** and **Joi schema validation**

PROJECTS

DevsDungeon | NextJS 14, Typescript, Clerk Webhooks, MongoDB, Mongoose, TailwindCSS — ⊙ 🔗 | *March 2024*
- Developed a secure platform for developers to ask and answer questions, use tags, and form a **community**, featuring **global and local search** with **AI tools for assistance**
- Built with **NextJS 14**, leveraging **Server Actions** to integrate backend services directly into frontend components

CropStop | CSS, Js, ReactJs, BootStrap, Flask, Node.Js, TensorFlow — ⊙ | *June 2023*
- Created a **web-based solution** and integrated with ML models providing **Price prediction**, **Disease detection**, and **Crop recommendations**. Offered personalized support for optimized production and minimized risks
- Utilized **NewsCatcher API** to deliver **real-time** updates and innovations to farmers, keeping them informed about the latest trends in agriculture

YouTech | ReactJS, NodeJS, ExpressJS, AWS-S3, Mongoose, MongoDB, JWT — ⊙ | *June 2024*
- Created a platform for YouTubers to **approve/reject** edited videos and **automate uploads** with **real-time notifications**
- Streamlined content creation with **centralized video uploads**, **approval workflows**, and secure, **automated publishing**, even in low-connectivity areas

TECHNICAL SKILLS

Languages/Database: Javascript, C++, C, Python, HTML, CSS, Typescript, MongoDB, MySQL
Web Technologies: ReactJS, NodeJS, ExpressJS, Mongoose, NextJS, TailwindCSS, Redux, FastAPI
Other skills and Software & Tools: OOP, DSA, DBMS, AWS S3 Buckets, Git/Github, Firebase, MongoDB Aggregation pipelines

VOLUNTEERING

Google Developer Student Club, IIIT Bhubaneswar
Core Team Member

- Organized interactive web development events, coordinated with team members, and actively participated in planning and decision-making processes.

News and Publication Society, IIIT Bhubaneswar
Core Team Member

- Contributed content to the **official college magazine**, Insight, as well as Conducted and led various **literary events**.

ACHIEVEMENTS

- Finalist of **inter-college hackathon - 'Hackfest'**. Developed an **E-diagnostic web app** along with my teammates.