PULKIT SINHA

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Education

International Institute of Information Technology, Bhubaneswar   **Nov 2021 – June 2025**
Bachelor of Technology - Information Technology   *CGPA: 8.28/10*

Experiences

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 and Certifications

DevsDungeon | *NextJS 14, Typescript, Clerk Webhooks, MongoDB, Mongoose, TailwindCSS* *Project-link Website* **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* *Project-link* **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* *Project-link* **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++, Python, HTML, CSS, Typescript, C, C# MongoDB, MySQL

Web Technologies: ReactJS, NodeJS, ExpressJS, Mongoose, NextJS, TailwindCSS, Redux, FastAPI, ASP.NET

Other skills and Software & Tools: OOP, DSA, DBMS, AWS S3 Buckets, Visual Studio, Git/Github, Firebase, MongoDB Aggregation pipelines, Windows Cmd

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.