

# YASH AGRAWAL

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## EDUCATION

**Indian Institute of Technology (IIT ISM), Dhanbad**  
*Bachelor of Technology in Petroleum Engineering*

Dhanbad, JK  
Jul 2019 – May 2023

## EXPERIENCE

**Beehyv Software Solutions Pvt. Ltd.**  
*Full-Stack Software Developer*

Hyderabad, TS  
Jul 2023 – Present

**Project - GIDR** | LangChain, LangServe, PineCone, Google Cloud, FastAPI, NodeJS

Nov 2023 – Present

- Co-developing a **GEN-AI solution** to transform unstructured enterprise data into organized intelligence for answering questions and analyzing data by generating data vector embeddings.
- Worked on building a **NodeJS MicroService** for managing user data, user authentication, and sessions.
- Built MicroServices for 3 types of **Vector-Embedding** generation methods, managed by **Messaging Queues**.
- Reduced the Search service response time by **80%** by implementing **Multithreading and Caching**.
- Boosted the Ingestion process's performance by **70%** through Multi-Threading and Batch Calls.
- Regularly engaged in Research and Development of proof-of-concepts (POCs) to enhance project development.
- Resolved over **50 critical bugs** and constantly addressed production issues to ensure system stability.
- Integrated GIDR with over **20 LLM Models** like **OpenAI, Claude, Gemini, Groq and LLaMA**.

**Project - E-commerce Website(Internal)** | Django, ReactJS, ReduxJS, BootStrap, DRF

Aug 2023 – Oct 2023

- Built a **Full-Stack Ecommerce website** from scratch. Implemented design, features, models and APIs.
- Received an internal rating of **96/100** for the case study.
- Features:** Admin Access, Pagination, Responsive UI, Search and Filter, Token Authentication, Error Handling, Order Management, Cart and Checkout, Product Categories.
- Repository:** [github.com](#) **Live Project URL:** [SimpliShopee](#)

**Iauro Systems Pvt. Ltd.**  
*Software Developer - Intern*

Pune, MH  
May 2022 – Jul 2022

**Project - Smile Foundation** | ReactJS, ReduxJS, Vendure, Stripe, GraphQL, MySQL

- Developed a Web-Application for selling handmade products using **Vendure** and **React with Redux**.
- Developed custom plugins to customize Vendure's functionality and integrated the Stripe payment gateway.

## PROJECTS

**AgroTech** | ReactJS, ReduxJS, NodeJS, ExpressJS, MongoDB, Socket.IO, Cloudinary

Dec 2021 – Jan 2022

- Developed a platform for buying and selling Agricultural products using the **MERN** stack and **Web Sockets**.
- Features:** Admin role, Live chat, JWT-Auth, Cart and checkout, Search and Filter, User Profile, Categories.
- Repository:** [github.com](#) **Live Project URL:** [AgroTech](#)

**Memoreum** | ReactJS, ReduxJS, NodeJS, ExpressJS, MongoDB, Google-OAuth, Mongoose

Mar 2023 – Apr 2023

- Developed a **MERN** stack based **Social Media Platform** for sharing memories and connecting with friends.
- Features:** Post Management, Personalized Feed, Like and Comment, Google OAuth, JWT-Authentication.
- Repository:** [github.com](#) **Live Project URL:** [Memoreum](#)

## TECHNICAL SKILLS

**Languages** : C/C++, JavaScript, Python, Java-Basic, TypeScript, SQL  
**Backend** : NodeJS, ExpressJS, Django, FastAPI, Mongoose, Socket.IO  
**AI Tech** : LangChain, LangServe, OpenAI, Claude, Llama, Gemini, Groq  
**Frontend** : ReactJS, NextJS, ReduxJS, GraphQL, BootStrap  
**DataBases** : MySQL, Alembc, MongoDB, FireBase, PostgreSQL, Pinecone  
**DevOps** : Docker, Google Cloud Platform, GitHub Workflows  
**Web3** : Solidity, Metamask, Ethereum

## COMPETITIVE PROGRAMMING

	Profile	Rating
<b>CodeChef</b>	: yash3457	1970
<b>LeetCode</b>	: Yash_01	1801
<b>CodeForces</b>	: Yash_01	1492
<b>AtCoder</b>	: Yash_01	843
<b>HackerRank</b>	: Yash_01	6-Star