

# 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

**Privado.ai** - Software Developer

Pune, MH

*Django, React, MongoDB, Celery, Amazon AWS, Redis, Docker, D3.js*

Feb 2025 – Present

- Responsible for **end-to-end product ownership**, including initial POCs, frontend and backend engineering, UI/UX design, testing, and post release maintenance.
- Built efficient MongoDB aggregation pipelines with precomputation for graph dashboard.
- Worked with D3.js to build interactive graphs for dashboard visualizations.
- Worked on the MobileScan module that embeds a mobile device in the UI, captures user actions, and records network logs for PII and third-party analysis.
- Ensured efficient session handling for embedded devices billed per minute, balancing seamless user interaction with cost-effective device usage.

**Beehyv Software Solutions** - Software Developer

Hyderabad, TS

*LangChain, LangGraph, LangServe, Pinecone, Google Cloud, FastAPI, NodeJS, MySQL*

Jul 2023 – Present

- Co-developed **GIDR** - A knowledge management and document querying software that uses AI to provide insights and answers from your documents.
- Utilized **LangGraph** to build independent, **Reusable Component Nodes** that provides users flexibility to design custom query-answering workflows
- Reduced the Search service response time by **80%** by implementing Multithreading and Caching.
- Regularly engaged in Research and Development of proof-of-concepts (POCs) to enhance project development.
- Boosted the Ingestion process's performance by **70%** through Multi-Threading and Batch Calls.
- Resolved over **50 critical bugs** and constantly addressed production issues to ensure system stability.
- Integrated GIDR with over **25 LLM Models** from **OpenAI, Claude, Gemini, Groq and LLaMA**.

**Iauro Systems** - Software Developer - Intern

Pune, MH

*ReactJS, ReduxJS, Vendure, Stripe, GraphQL, MySQL*

May 2022 – Jul 2022

- 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** : Django, FastAPI, NodeJS, ExpressJS, Mongoose, Celery, Redis, Socket.IO  
**AI Tech** : LangChain, LangGraph, OpenAI, Claude, Llama, Gemini, Groq  
**Frontend** : ReactJS, NextJS, ReduxJS, D3.js, Bootstrap  
**DataBases** : MongoDB, MySQL, Alembic, FireBase, PostgreSQL, Pinecone  
**DevOps** : Docker, AWS, Google Cloud, GitHub Workflows

## 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 |