

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

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

Pune, MH

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.
- 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.
- Implemented network interception and dynamic analysis workflows using mitmproxy, ADB, and Frida to enhance app testing capabilities.
- Ensured efficient session handling for embedded devices billed per minute, balancing seamless user interaction with cost-effective device usage.
- Built efficient MongoDB aggregation pipelines with precomputation for graph dashboard.
- Worked with D3.js to build interactive graphs for dashboard visualizations.

Beehyv Software Solutions - Software Developer

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

Hyderabad, TS

Jul 2023 – Feb 2025

- 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.
- Integrated GIDR with over **25 LLM Models** from **OpenAI, Claude, Gemini, Groq and LLaMA**.

Iauro Systems - Software Developer - Intern

ReactJS, ReduxJS, Vendure, Stripe, GraphQL, MySQL

Pune, MH

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.

TECHNICAL SKILLS

Languages : C/C++, JavaScript, Python, Golang, 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
CodeChef	yash3457	1970
LeetCode	Yash_01	1801
CodeForces	Yash_01	1492
AtCoder	Yash_01	843
HackerRank	Yash_01	6-Star

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](#)