

# Yash Pratap Singh

[GitHub](#) | [E-Mail](#) | [Portfolio](#)

A dynamic, hands-on, detail-oriented and highly analytical IT professional. Solid reputation for diligence regarding project accuracy and enhanced end user functionality. Exemplary verbal and written communicator who demonstrates professionalism and clearly conveys project parameters to clients and team members.

## EDUCATION

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### Amity University

BTech in Computer Science Engineering

Graduation Date: June 2024

- Web Development lead at Google Developer Student Clubs (GDSC) of the college.

## WORK EXPERIENCE

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### Suven Consultants Pvt.Ltd.

Full Stack Developer Intern

Jan 2023 – Apr 2023

- Integrated OpenAI APIs into a JavaScript web app, achieving a 30% reduction in response time
- Collaborated with cross-functional teams to analyze customer data, boosting A.I driven processes by 20%
- Developed optimized MySQL queries to enhance user login performance and data retrieval

### Bharat Intern

Data Science & M.L Intern

Sep 2023-Nov 2023

- Designed a Neural Network for recognizing alphabets and numbers, achieving 98% accuracy on large datasets
- Created an LSTM-based web application for real-time data analysis, enabling data-driven decision making and boosting business performance by 25%

## PROJECTS

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### CODEX (<https://everything-alpha.vercel.app/> )

- Crafted an A.I chatbot using React, integrated with OpenAI's plugins to fetch results for the custom prompts
- Incorporated real time internet data training to boost accuracy by 87%, elevating performance

### SQL-ator (<https://github.com/YPS7/SQLator>)

- Engineered a LLM project leveraging TypeScript, facilitating prompt to-SQL-query conversion.
- By implementing data modelling it analyzes the prompts and generates the result with 92% accuracy rate.

### YPS-Media (<https://capable-taffy-43dd73.netlify.app>)

- Developed a video streaming app with a distributed architecture and load balancers, to handle high user traffic
- Implemented a special keyword-based video search feature to increase the video search capability by 30%

## SKILLS

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**Programming Languages:** C | JAVA | JavaScript | Python | Bash | TypeScript

**Development:** React | Vite | Nodejs | Nextjs | Express | SQL | MongoDB

**A.I :** TensorFlow | Vector Embeddings | Stats

**Design :** Framer | Figma | Spline

## ACHIVEMENTS

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- Authored a research paper titled 'Generative A.I. Based Image Generation,' proposing a new, superior form of image generation model with an improved image captioner, accepted for publication in the International Conference on Intelligent Systems and Computation (ICISC) 2024
- Certified as a Full Stack Web Developer in my second year through a University of Lucknow workshop, where I developed a linked list visualizer for the concluding project competition