

YASH KUMAR

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Education

Netaji Subhas University of Technology, Delhi

2021 - 2025

B.Tech in Computer Science & Engineering

8.53/10 CGPA

Kendriya Vidyalaya, Delhi

2020

Senior Secondary

93.4%

Kendriya Vidyalaya, Delhi

2018

Secondary

86.4%

Experience

Urban Company

July 2025 – Present

Software Engineer

Gurugram, India

- Built an OTA release system for microfrontends, improving new-bundle adoption to **95%** of new sessions and reducing release time from hours to less than 15 minutes.
- Enabled instant rollback flows, enabling less than **5-minute** revert time during canary failures or bundle corruption.
- Designed **Amazon BMS CRM integration** (mTLS) for Locks, replacing a broken SP-API pipeline and restoring automated order fulfillment after months of manual creation.
- Led ADS-DC parity across **150+** React Native components, reducing design-to-dev handoff time by **40%** and design QA back-and-forth by **60%**.
- **Tech Stack:** Node.js, TypeScript, React Native, Jenkins, Airflow, MongoDB and Kafka.

Zelo Innovations Pvt. Ltd.

June 2024 – July 2024

Software Engineering Intern

Delhi, India

- Engineered a **RAG pipeline** with hybrid search, improving retrieval accuracy by **20%**, & **50%** fewer failed queries.
- Created a Mock Server leveraging Mockoon, reducing API testing time by **35%**.
- Revamped the frontend, which increased user engagement by **15%**.
- **Tech Stack:** Next.js, Tailwind CSS, TypeScript, Python, and Pinecone.

Projects

TinyML Tomato Doctor

[Deployed Link](#) | [GitHub Repo](#)

- Designed ML model for tomato disease diagnosis, achieving **89.6%** accuracy, across **10** disease categories.
- **Tech Stack** : Tensorflow/Tensorflow-Lite, Edge Impulse, Jupyter Notebook, Python.

DeepStudy AI

[Deployed Link](#) | [GitHub Repo](#)

- Developed an AI research assistant using DeepSeek, Llama3 via OpenRouter & Groq for **90%** topic-relevant reports.
- **Tech Stack** : Next.js, Vercel AI SDK, TypeScript, Tailwind CSS, Exa API, OpenRouter, Groq.

Technical Skills

Programming Languages: C/C++, Python, JavaScript, TypeScript, SQL.

Developer Tools & Frameworks: HTML, CSS, React.js, Next.js, Node.js, Tailwind CSS, Jupyter Notebook, Postman, Git/GitHub, Firebase, Docker, Jenkins.

Libraries: Matplotlib, Pandas, Numpy, Scikit-Learn, Tensorflow.

Profile Links

1. [LeetCode Profile Link](#) – Solved more than **1100** problems – Max Contest Rating **1933**.
2. [CodeChef Profile Link](#) – **3 Star** Rating – Best Contest rating **1668**
3. [Codeforces Profile Link](#) – **Pupil** on Codeforces – Maximum contest rating **1254**
4. [GFG Profile Link](#) – **Top 5** university-wide achievers – Solved more than **600** DSA Problems.

Achievements

1. Earned Hall of Fame at a Graph Camp by a Codeforces Master, selected from over **40,000** applicants. (2024)
2. Top **200 contributor** at GSSoC, with contributions to **10+** repositories. (2024)
3. Successfully concluded **HackXtreme 2023**, placing my team in the top 10% of participants. (2023)

Extra-Curricular Activities

1. Achieved a 1200+ rating on Chess.com and competed at the regional level.