

**Yuv Kapoor**  
B. Tech, CSE (IV Year)  
SRM University, Delhi-NCR  
📍 Residence: New Delhi

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## Education

- **SRM Institute of Science and Technology, Delhi-NCR** 2021-2025  
*Bachelor of Technology, Computer Science Engineering* CGPA: 9.47
- **Bhai Parmanand Vidya Mandir Public School** 2021  
*Intermediate (CBSE)* Percentage: 96

## Projects

- **Fitness Tracking Mobile Application** February 2024 - April 2024
  - Used Java, XML and firebase to create the app which consumes 15% less memory than flutter.
  - Used gyroscope with accelerometer to calculate the steps which increases the accuracy by 20%.
  - Integrated an AI chatbot within the application which tells about the workouts and diet plans which make achieving personal goals easier by 30%.
- **Eyesight test (used in learners license test)** March 2023 - May 2023
  - Used python (Tkinter and Turtle for 10% faster response) to print an image with hidden numbers written on it.
  - Led the development of advanced eye health technology, improving diagnostic precision by 15% and enhancing patient experience.
  - Engineered a streamlined user experience flow: users input visible numbers and receive instant pass/fail notification, enhancing user satisfaction and reducing processing time by 30%

## Experience

**DevOps Engineer** March 2025 – Present  
**Futuresoft** Okhla (New Delhi)

- Deployed production-ready web apps using Docker; provisioned SSL certificates and handled system administration for secure infrastructure.
- Improved infrastructure automation workflows using Python and Azure CLI.

**DevOps Intern** August 2024 – February 2025  
**Futuresoft** Okhla (New Delhi)

- Automated routine tasks using Python, boosting team productivity by 35%.
- Managed Azure cloud resources: VMs, storage, and access controls.
- Supported LLM-based chatbot development and internal GenAI tools.

**Research paper on virtualization and load balancing (Published Paper)** August 2023 – February 2024

- Written about bare-metal virtualization, quantum computing and integration of blockchain in virtualization.ss
- Designed a hybrid MSJF-weighted algorithm reducing energy use by 30% and improving processing speed by 40%

**Data Analysis and Machine Learning Intern** June 2023 - August 2023  
**Birlasoft** Noida

- Performed sentiment analysis using python, NLP and data analysis.
- Built an NLP-based tool to analyze CSV data sentiment, boosting text analysis accuracy by 20%.
- Then it made a graph according to the sentiment score using matplotlib.

## Technical Skills and Interests

**Languages:** Python, Java, C++, C, HTML, CSS.

**Skills:** Microsoft Azure, Azure DevOps, Docker, Git, Amazon S3, Selenium, LLMs. NLP, Prompt Engineering, Sentiment Analysis, Python Automation, Shell Scripting.

**Databases:** MongoDB, MySQL

## Additional

- Google cloud security certification - LinkedIn learning March 2023
- Fundamentals of Azure - Microsoft certified June 2023
- Second rank holder in CSE-cloud computing 2nd year - SRMIST Delhi NCR September 2023
- DBMS silver elite certification - NPTEL October 2023
- Best research paper presentation Scopus certification - ICAMIT - 24 conference January 2024