Yogesh Sengar

Entry No - 2021
B.Tech -Dr. A. P. J. Abdul Kalam
Technical University , Lucknow

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Education

Degree	Institute/Board	CGPA/Percentage	Year
Bachelor of Technology	Dr. A. P. J. Abdul Kalam Technical University, Lucknow	7.52/10 (Current)	2021-Present
Senior Secondary	Central Board of Secondary Education	76.60%	2020
Secondary	Central Board of Secondary Education	90.67%	2017

Work Experience

• MangosOrange
  Software Development Internship

Oct 2024 - Mar 2025
Noida, U.P

– Built a modern, user-friendly interface for Learnify using Tailwind CSS's utility-first classes.
– Leveraged Next.js for server-side rendering to create a fast, SEO-optimized e-learning platform .
– Integrated TypeScript to enforce strict typing across Learnify's frontend and backend.

Projects

• **Smart Home Automation**

Jan 2022 - Apr 2022

Self Guided

– Developed a system to remotely control and monitor home appliances for Enhanced user convenience, security.
– Remote appliance control, real-time monitoring, energy monitoring.

• **Online Learning Website**

Sep 2023 - Oct 2023, ABESIT

Guide: Mr. Amit Gupta

– Designed and implemented a responsive, high-performance user interface for Learnify using Next.js, leveraging server-side rendering and static site generation to optimize page load times and enhance user experience.
– Integrated TypeScript to enforce strict typing across Learnify's frontend and backend, reducing runtime errors

• **Research Work**

Nov 2023 - Sep 2024

ABESIT

– Deep learning models like YOLO , Faster R-CNN, and transformer-based architectures are widely used.
– Weakly supervised learning is emerging to reduce reliance on large, annotated datasets, using high-resolution attention class activation mapping for localization.

Technical Skills

• Competitive Programming:

  1. CodeChef: 4*Starrated coder with 2003(Max) rating points.
  2. CodeForces: Expertwith the rating of 1726(Max).

• Programming Languages: C/C++, Python , Javascript, MERN Stack .

• Software/Tools/libraries:Visual Studio, Git, Jupyter, Google Colab

Key courses taken

· ComputerScience Courses: Data Structure & Algorithm , Object Oriented Programming , DBMS, Operating System
· DataScience Courses: Machine Learning , DataMining

Miscellaneous

· Newton'sGrandContest2021   (170thGlobalRankOutof10,000participants).   2021
· LeetCodeWeeklycontest261 ,Secured 238thRank,Amongmorethan11000participants.   2022
· JEERank ,Securedarankof4498   (Outof 1.5millioncandidates)inJEEAdvance2020.   2020
· 5thDist.Merit , Secondary CBSEBoard 90.60%(Class-10).Hathras,U.P,India.   2017