

ANAY SINHAL

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Degree	Majors	Institute	Year	CPI/%
B.Tech	CSE	JKLU, Jaipur	2021-25	8.74
B.Tech (Sem Exchange)	CSE	IIT Kanpur	2024 (Sem VI)	
B.Tech (Visiting Student)	CSE	IIT Gandhinagar	2022 (Sem III)	
Intermediate	CBSE	Vidya Niketan, Bhopal	2021	83.8
Matriculation	CBSE	SPS, SN, Bhopal	2019	95.0

SUMMARY

AI/ML Enthusiast and Full-Stack Developer with a flair for UI/UX, delivering innovative tech solutions. Strong in computer science, I simplify complex challenges into actionable insights. Ready to merge creative design with technical expertise in AI/ML and development projects.

PROFESSIONAL EXPERIENCE

Research Intern | IIT Jammu (Remote) Dec 2023 - Jan 2024

- Spearheaded stress prediction research using wearable sensor data.
- Created and analyzed a comprehensive dataset with wearable sensors for real-time stress monitoring
- Employed ML models, achieving high accuracy and actionable insights into healthcare.

Software Development Intern | Dexpert Systems Pvt. Ltd, Pune (Onsite) Jun - Jul 2023

- Proactively contributed to real-time projects, demonstrating hands-on skills.
- Executed diverse software projects using Java Spring Boot, ReactJS, Zoho CRM, Java JSP, and PHP Laravel.
- Engaged in direct client communication and promoted effective teamwork within the project team.

TECHNICAL SKILLS

Programming	C, C++, Python, Java, JavaScript, SQL
Development	CSS, Bootstrap, NodeJS, ReactJS, Flutter, Laravel, Spring Boot
Design	Adobe XD, Figma, Photoshop, Wordpress
Tools	Git, GitHub, MySQL, Android Studio, Unreal Engine 5, Blender, Zoho Creator

PROJECTS

Development

Personal Portfolio | ReactJS, NodeJS, EmailJS, Hashnode API Aug 2023

Self [Project Link](#)

- Integrated Hashnode API to dynamically fetch and display my Blogs.
- Implemented EmailJS for creating an interactive and dynamic Contact form.

Solar System Simulator in VR | Unreal Engine 5, Blender Apr - May 2023

JKLU [Project Link](#)

- Simulated ground atmospheres for select planets.
- Constructed accurately scaled planets with real dimensions and interplanetary distances.

Machine Learning

Stress Prediction using Wearable Dataset | Python, scikit-learn, imbalanced-learn Dec 2023 - Jan 2024

IIT Jammu [Project Link](#)

- Enhanced data reliability through feature engineering and data imbalance with SMOTE.
- Analyzed physiological data with ML algorithms (RF, XGB, MLP, Stacking), enhancing accuracy.

KEY COURSES UNDERTAKEN

Mathematics and Statistics

- Calculus, Computational Data Analysis, Computational Engineering Analysis.

Computer Science

- Data Structures and Algorithms, Operating Systems, Computer Networks, Database Systems.

Additional

- Philosophy, Competitiveness and Ethical Leadership, Integrating Design Technology and Business.

POSITIONS OF RESPONSIBILITY

Student Placement Coordinator

JKLU Placement Cell

Aug - Nov 2023

Core Coordinator - Tech

JKLU Techfest

Aug - Sept 2023

ACHIEVEMENTS

- Secured Leaderboard Position in Astra DB Build-a-thon in May 2022
- Runner Up in National Startup Day Exhibition by AIC-JKLU
- Selected for Semester Exchange Program at IIT Kanpur and IIT Gandhinagar.

CERTIFICATIONS

Differential Equations for Engineers

Coursera

Linear Regression with NumPy and Python

Coursera

Master C Programming with Data Structures

GeeksforGeeks

AWS Cloud Technical Essentials

Amazon Web Services

Foundations of User Experience (UX) Design

Google