ANAY SINHAL

📞 +91-7987594952 ✉ anays@iitk.ac.in 🔗 /anaysinhal ⌨ /anayy09 🌐 /anaysinhal.me

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 skilled Full-Stack Developer with a solid computer science background, specializing in innovative solutions and UI/UX design. Adept at simplifying complex problems into actionable insights.

PROFESSIONAL EXPERIENCE

Research Intern | IIT Jammu (Remote) — Dec 2023 - Jan 2024
- Led stress prediction research with wearable sensors, analyzing over 11.5M data points using Python and sci-learn, achieving 99% accuracy.
- Designed ML algorithms for stress detection, enhancing healthcare insights through actionable data analysis.

Software Development Intern | Dexpert Systems Pvt Ltd, Pune (Onsite) — Jun - Jul 2023
- Contributed to 5 software projects using ReactJS, Spring Boot, Laravel and JSP, improving project delivery.
- Developed application integrating Zoho CRM, boosting customer satisfaction.
- Streamlined client communication, elevating team efficiency through requirement gathering and feedback implementation.

TECHNICAL SKILLS

Programming	C, C++, Python, Java, JavaScript, SQL, PHP
Development	CSS, Bootstrap, NodeJS, ReactJS, Flask, Django, 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 — Website
- Integrated Hashnode API to dynamically fetch and display my Blogs.
- Implemented EmailJS for creating an interactive and dynamic Contact form.

IoT-based Health Monitoring System | Arduino, NodeMCU, Blynk App — Oct - Nov 2023
JKLU — Github
- Engineered an IoT solution with NodeMCU ESP8266 and MAX30100 for health monitoring.
- Enabled real-time heart rate and SpO2 tracking on Blynk app, showcasing IoT application development.

Machine Learning

Stress Prediction using Wearable Dataset | Python, scikit-learn, imbalanced-learn — Dec 2023 - Jan 2024
IIT Jammu — Github
- 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
- Computational Data Analysis, Computational Engineering Analysis, ML, Big Data Visual Analytics.

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   Aug - Nov 2023
JKLU Placement Cell

Core Coordinator - Tech   Aug - Sept 2023
JKLU Techfest

ACHIEVEMENTS

- Featured on the JKLU Honors List for Meritorious Academic Performance.
- Selected for Semester Exchange Programs at IIT Kanpur and IIT Gandhinagar.
- Secured Leaderboard Position in Astra DB Build-a-thon in May 2022.
- Runner Up in National Startup Day Exhibition by AIC-JKLU in Jan 2023.

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