A   S

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Degree	University/Board	Year	CPI/%
B.Tech (CSE) Sem VI	IIT Kanpur	2024	
B.Tech (CSE) Sem III	IIT Gandhinagar	2022	
B.Tech (CSE)	JKLU Jaipur	2021-25	8.74
Class XII	CBSE	2021	83.8
Class X	CBSE	2019	95.0

S

Highly motivated Full-Stack Developer with a strong foundation in computer science and a passion for AI/ML technologies. Proficient in modern web development frameworks and tools, with experience in creating innovative, user-centric applications.

P   E

SDE Intern | GeeksforGeeks, Noida   May 2024 - Present

- Spearhead feature additions and flow improvements using ReactJS, NextJS, PHP, and Django, enhancing user experience and application performance.
- Innovate and optimize web functionalities, contributing to the overall advancement of the platform.

Research Intern (ML) | Sardar Vallabhbhai National Institute of Technology (SVNIT) Surat   May - July 2024

- Depression detection research under Dr. Bhavesh Gohil, analyzing datasets of varied emotions using Python scikit-learn.
- Design and implement ML algorithms for emotion and depression detection, aiming to improve mental health insights through comprehensive data analysis.

Research Intern (ML) | Indian Institute of Technology (IIT) Jammu   Dec 2023 - Jan 2024

- Led stress prediction research under Dr. Subhasis Bhattacharjee with wearable dataset, analyzing over 11.5M data points using Python sci-learn, achieving high accuracy.
- Designed ML algorithms for stress detection, enhancing healthcare insights through actionable data analysis.

Software Development Intern | Dexpert Systems Pvt Ltd, Pune   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, and elevated efficiency through requirement gathering and feedback.

T   S

Programming	C, C++, Python, Java, JavaScript, SQL, PHP.
Development	CSS3, Node.js, ReactJS, Django, Laravel, Spring Boot, Flutter, React Native.
ML/DL	Scikit-learn, TensorFlow, Keras, Feature Engineering, Data Modeling.
Data Management	MySQL, PostgreSQL, MongoDB, Data Analysis, Visual Analytics.
Tools	Git, GitHub, Docker, Android Studio, Unreal Engine 5, Blender, Zoho Creator.
Design	Adobe XD, Figma, Photoshop, Wordpress.

P

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.

Substance Use Disorder Treatment| Python, scikit-learn — Oct - Nov 2023
JKLU — Github

- Analyzed data to identify stress patterns, enhancing predictive accuracy for relapse incidents.
- Designed real-time monitoring dashboards to facilitate communication between patients and healthcare providers.

K C U

Mathematics and Statistics

- Engineering Calculus, Computational Data Analysis, Computational Engineering Analysis, Machine Learning, Big Data Visual Analytics.

Computer Science

- Data Structures & Algorithms, Database Systems, Theory of Computation, Operating Systems, Computer Networks.

Additional

- Privacy and Security in Online Social Media, Brand Management (MBA), Strategic Marketing (MBA), Philosophy, Competitiveness and Ethical Leadership, Integrating Design, Technology and Business, IoT and Automation.

P R

Student Placement Coordinator — Aug - Nov 2023
JKLU Placement Cell

Core Coordinator - Tech — Aug - Sept 2023
JKLU Techfest

A

- 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.

C

Di erential Equations for Engineers	Coursera
Master C Programming with Data Structures	GeeksforGeeks
AWS Cloud Technical Essentials	Amazon Web Services
Foundations of User Experience (UX) Design	Google
Virtual Reality Specialization	Coursera

All Certi cations