ABHISHEK SHUKLA

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PROJECTS

Smart Concerned Classes *Facial Recognition, MySQL, APIs, Azure*

- Revolutionizing classrooms with Facial analysis and Edge computing for enhanced student engagement and teacher insights, with JetsonTX2 to collect facial expression data, and then employing cloud-based analysis techniques to generate valuable insights represented through graphical representation.

MERN AUTH App *MERN Stack*

- The MERN Application allows users to create accounts and manage their profile using JWT (JSON Web Tokens) for authentication and authorization with error handling and validation.

React Apps *MERN Stack*

- Personal Bookshelf, Password Generator, Currency Converter

EXPERIENCE

Research Intern, Cyber Physical Systems (CyPSi) Lab Aug 2022 - Feb 2023

Samarth eGov, Ministry of Education (MoE), India *University of Delhi*

- Developed Web Applications that integrated Machine Learning, Data Analysis, and NLP to enhance research efforts using Flask and MERN Architecture

- Created detailed documentation, aiding in understanding and enhancing both the application and research outcomes. Utilized Azure for web development, contributing to improved application and research effectiveness

Web Developer Aug 2019 - Nov 2019

Intellify, Indian Institute of Technology, Delhi *Saket, Delhi*

- Created an interactive Result Portal using Python (Pandas, Matplotlib), PHP, and MySQL for the National Science Creativity Program.

- Integrated interactive Data Visualizations within the Result Portal, providing meaningful insights and enhancing the user experience for efficient analysis and decision-making. Implemented AWS (EC2 S3) for deployment

EDUCATION

Master of Science, Informatics, University of Delhi South Campus 2021-23

Bachelor of Computer Applications, Guru Gobind Singh Indraprastha University, Delhi 2018-21

SKILLS

Languages	JavaScript (Node.js), Python (Flask)
Libraries and Frameworks	React, HTML, CSS (Bootstrap, Tailwind)
Tools	GitHub, REST, AWS, Azure, MySQL, MongoDB, Postman, Figma

ACHIEVEMENTS AND LEADERSHIP

- 3rd Prize, PseudoSpaces Hackathon Organised By WITech India in association with MSI

- Beta Microsoft Learn Student Ambassador, Completed 30 Days of Google Cloud

- Effective Altruism Introductory Fellow, Volunteered at EAGxIndia, Attended EAGxSingapore Conference

- Placement Coordinator Placement Cell, IIC, Hackathon Coordinator Annual Fest Envisage'22, Organiser of Effective Altruism University Group EA UDSC