Riya Shalya

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Education

NxtWave　　　　　　　　　　　　　　　　　　　Expected May 2024
Full Stack Web Development　　　　　　　　　　　　　　　*Online*
- **Relevant Coursework:** Data Structures and Algorithms (C++), MERN Stack, Databases

AKTU University　　　　　　　　　　　　　　　Expected August 2024
Bachelor of Science in Computer Science (GPA: 8.30 / 10.00)　　*Greater Noida, Uttar Pradesh*
- **Relevant Coursework:** Data Structures and Algorithms (C++), Prob & Stat in CS (Python), Intro to CS II (C++), Linear Algebra w/Computational Applications (Python)

Experience

C-DAC　　　　　　　　　　　　　　　　October 2023 – April 2024
Data Science Intern　　　　　　　　　　　　　*Navi-Mumbai, Maharashtra*
- Developed a prototype for an application to predict the effect of climatic changes on agriculture in the Indian context.%.
- Analysis and future predictions of methodologies which can be used in enhancing crop yield.
- To provide manual analysis of precipitation, rainfall, temperature on the yield of rabi crops; wheat,barley and mustard.

Ilkspaces LLP　　　　　　　　　　　　July 2023 – September 2023
Full Stack Development Intern　　　　　　　　　　　　　*New Delhi*
- To assist in developing the e-commerce website for gym products.
- Built the architecture of the website using shopify.%.
- Included payment and checkout facilities to buy the product..

Projects

Effects of climatic change on agriculture | *Django, Python, Bootstrap, API*
- Prototyped a software using Python aimed at predicting the effects of climatic changes on agriculture.

NxtTrentz | *Bootstrap, API, MERN Stack*
- Developed an e-commerce website including comprehensive payment and checkout functionalities
- Developed using MERN Stack to enhance user engaging.

Domino's Clone | *MERN Stack, Bootstrap*
- Replica of Domino's Clone made to achieve a milestone in developing understanding about web development.

Technical Skills

Languages: Python, JavaScript ,ReactJS, Core Java, C, C++
Technologies: Django ,Anaconda, Android Studio, Power BI, Bootstrap, NextJS, Express.JS, NextJS
Concepts: Compiler, Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, Artificial Intelligence, Machine Learning, HTML, CSS, DBMS, Computer Networking, DSA, UI/UX Design, Figma, APIs, NodeJS, API
Databases: MySQL, MongoDB, SQLite
Platforms: Linux, Windows, Git

Achievements

- Been awarded as Fee Waiver in Graduation at **State Level** among 200+ students.
- Engineered the invitation to **Gen AI Labs: Duet AI Mumbai** at **Google**, where groundbreaking AI strategies were devised, leading to a 30 boost in product performance and a 20 percent enhancement in customer satisfaction levels.
- Secured a seat in the exclusive Advanced **E-SDP Program** at **IIT Jammu** by MSME, Government of India, delving deep into advanced digital tools and strategies to bolster small and medium enterprises.
- Freelanced for clients as full stack developer on **freelancer** website.