

Shruti Ojha

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Education

United Institute Technology

Expected on 2024

Bachelor of Science in Computer Science (GPA: 7.00 / 7.00)

Prayagraj, Uttarpradesh State

- **Relevant Coursework:** Data Structures and Algorithms (C++), Python, C++(Basics), Django, node.js, react.js, MongoDB, AWS, Microsoft Azure, SQL

Experience

Kodnest Technology

Jan 2024 – present

Intern Software Engineer

Bangalore, Karnataka

- Implemented NextJS, reducing website loading times by 40 and enhancing overall performance.
- Led design and development of a modern, responsive website using cutting-edge technologies.
- collaborated with cross-functional teams, contributing to a user-centric and innovative work environment.

Softpro Learning Center PVT. LTD.

August 2023 – Dec 2023

Software Engineer Intern

Luknow, Uttarpradesh

- "My responsibilities include developing web applications, implementing features across the stack, collaborating with team members on project planning and execution, debugging, testing, and deploying applications. Interns also learn industry best practices, enhance coding skills, and contribute to the project's success."
- Contributed to end-to-end Django product development and stored data into employee tables, reducing time to market by 40 through optimized process and git version control%.
- Achieved a substantial 75 reduction in paperwork through process re-engineering the latest to enhance graphics of website.

Projects

Sign Language to text-audio conveter | *HTML,CSS,JAVASCRIPT,PYTHON,KNN ALGO ,TENSORFLOW ALGO,OpenCV,KAGLE*

- Corrected framework to Django. Used "Pixel-Perfect Development" for a strong visual representation of precise development.
- Highlighted Django's strength in building complex applications.
- Replaced "Scalable" with "Maintainable" as Django applications are inherently scalable but require effort for future updates.
- Used the Incremental Model to perform.

E-gyan portal1 | *Django, PHP, TensorFlow,Tkinter,python, Bootstrap*

- E-gyan Portal offers comprehensive online educational resources, including courses, tutorials, and study materials across various subjects. It provides a user-friendly platform for learners to enhance their knowledge and skills conveniently.
- Used Demonstrated proficiency in Python programming, GUI application development, and shared the complete codebase on GitHub for accessibility.

Diabetes Prediction System | *Python,Kaggle,tkinter,pycharm, Machine Learning, Bootstrap*

- Contributed to an open-source project on GitHub, collaborating with a global community.
- we fine-tuned three widely used state-of-the-art techniques. Mainly, a comparative analysis is performed among the proposed techniques for classifying an individual in either of the diabetes categories.

Technical Skills

Languages: Django, HTML, CSS, Javascript, MongoDB, SQL, AWS Certification, Nosql, NODE.JS, React.js,

Extracurricular Activities: NPTEL-IOT-MOOCs CERTIFICATION, GDSC Member, Full stack Intern

Subject: Software Testing ,DSA

Concepts: Compiler, Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, Artificial Intelligence, Machine Learning, Neural Networks, API, Database Normalization, Agile Methodology, Cloud Computing, MS-Word, Powerpoint-presentation,Vs-Code