

Ipsit Das

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GitHub: github.com/icode100 | Website: icode100.github.io
LeetCode: leetcode.com/icode100 | CodeChef: codechef.com/users/icode100

EDUCATION

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| National Institute of Technology, Andhra Pradesh | November 2021 - Present |
| B.Tech CSE | 8.30 CGPA |
| Vishwa Bharati Public School, Noida | |
| XII (CBSE) | 90.8% |
| Neeraj Public School, Rajnandgaon | |
| X (CBSE) | 10.00 CGPA |

PROJECTS

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| Photo To Anime Converter GANs, Computer Vision, PyTorch, Streamlit | June 2024 |
| <ul style="list-style-type: none">Conducted experiments with Cycle GANs to explore Neural Style Transfer Techniques, achieving high accuracy in image transformations and enhancing visual applications.Engineered a model that seamlessly translates natural images into animated counterparts, enhancing visual creativity and realism.Trained the model with more than 6000 images for over 10 hours on T4 GPUs.Application GitHub | |
| Image Caption Generator Computer Vision, Natural Language Processing, PyTorch, Gradio | June 2024 |
| <ul style="list-style-type: none">Utilized expertise in image-to-text translation with transformers to drive innovative solutions.Built and fine-tuned a model leveraging Roberta and ViT on the <i>Flickr 10k</i> dataset, optimizing performance for image captioning tasks.Trained with 10,000 images for over 4 hours with P100 GPU.ROUGE2: Precision = 0.114700, Recall = 0.124500, F1 = 0.114100.Application GitHub | |
| Portgen.io MERN | March 2024 |
| <ul style="list-style-type: none">Developed "PortGen.io," a MERN stack application for creating portfolio websites by entering details such as education, projects, and skills.Designed three customizable portfolio templates using Figma for prototyping and React for development, with dynamic data parsing to populate user information seamlessly.Integrated MongoDB for secure user authentication and efficient storage of user data.Deployed the application using Vercel, ensuring responsive design and optimized performance across all templates.Application GitHub | |
| HoMan Django, React, SQLite, Redux | May 2023 |
| <ul style="list-style-type: none">Developed "HoMan," a full-stack web application using Django and React.js for hostel management at NIT Andhra Pradesh.Automated mess credit adjustments based on student leave days and streamlined outing management workflows.Digitized approval processes for security and hostel administrations, replacing traditional hard-copy forms.Leveraged Django Admin and SQLite for efficient data management and logging of student outing records.GitHub Video Demonstrations: Admin Page Users Page | |

SKILLS

Languages: C++, Python, SQL, Java, JavaScript, HTML/CSS
Tools: PyTorch, NumPy, Scikit-Learn, Matplotlib, Pandas, React.js, Django, Streamlit, TensorFlow, Keras, Flask, Hadoop
Fundamentals: Artificial Intelligence, Deep Learning, Database Management, Natural Language Processing, Computer Vision, Unix based Shell Scripting, Big Data Analysis

ACHIEVEMENTS

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| <ul style="list-style-type: none">Ranked among the top 8% of coders globally on LeetCode with a best rating of 1781.3-star on CodeChef with a max-rating of 1606.Achieved a Global rank of 128 in CodeChef starters 170.Secured position in top 1% among 16,686 candidates in NPTEL Online Certification Exam on Cloud ComputingSecured position in top 5% among 3358 candidates in NPTEL Online Certification Exam on Responsible and Safe AI Systems | |
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CLUBS AND ACTIVITIES

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| Google Developer Student Club, NIT Andhra Pradesh Associate Web Developer | |
| <ul style="list-style-type: none">Collaborated closely with a cross-functional team to design and launch the GDSC website's front-end, optimized for mobile devices, ensuring broad accessibility.Contributed to the development of the team members' profile page, showcasing detailed information and contributing to enhanced user experience and team visibility.Certificate | |