Sourav Negi

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EDUCATION

Graphic Era Hill University   Oct. 2021 - Present
B.Tech in Computer Science and Engineering | CGPA: 8.2/10   *Dehradun, Uttarakhand*

Dev Samaj Vidya Niketan Sr. Sec. School   April 2018 - March 2020
Central Board of Secondary Education | 86.4%   *Gurugram, Haryana*

PROJECTS

MNIST Handwritten Digit Recognition | *Pyhton, JavaScript, React.js, Tensorflow*   **Github**
- Designed a Web UI for identification and prediction of hand-drawn digits using JavaScript and HTML/CSS.
- Achieved at least a 10% reduction in model latency by offloading computation to the front end, enhancing performance.
- Trained a CNN model that had an accuracy of 96.34% and used it to identify digits drawn on the website.

TaskX | *HTML, Tailwind CSS, JavaScript, React, Node.js, Material UI*   **Github**
- Developed a productivity app with habit tracker, to-dos, and a Pomodoro timer for focused work & habit building.
- Implemented data-driven insights to empower users with progress tracking and maintain positive routines.
- Built a responsive, user-friendly & visually-appealing UI using React, Tailwind & Material-UI for TaskX, ensuring seamless device adaptation.

Heart Disease Detection | *Python, ML Algorithms, Pandas, NumPy, Seaborn, PyCharm*   **Github**
- Implemented a heart disease detection model using Random Forest, Logistic Regression, and Naïve Bayes, achieving 88.52% accuracy with Random Forest compared to 85.25% for the other algorithms.
- Enhanced model accuracy, using preprocessing and feature selection on the dataset.

DevBhoomi Travels | *HTML5, CSS, Bootstrap, JavaScript, Node.js*   **Github**
- Built an interactive tourism website named Devbhoomi Travels, immersing visitors in Uttarakhand's landscapes, activities, and cuisine.
- Enhanced user experience with a 24/7 Chatbot & searchable database for personalized login.
- Integrated inquiry & testimonial system, facilitating communication and building trust with visitor experiences.

SKILLS

Programming Languages: C/C++, JavaScript, Python, SQL
Full Stack Dev.: HTML/CSS, React.js, Bootstrap, Express.js, Git, Github, MySQL, Next.js, RestAPIs, Node.js
Soft Skills: Project Management, Teamwork, Resilience

CERTIFICATIONS

The Complete 2023 Web Development Bootcamp | **Udemy**   *Completion Date:* Jan. 2023
Skills: HTML/CSS, JavaScript, Bootstrap, Node.js, React.js, MongoDB

Machine Learning A-Z™: AI, Python & R+ChatGPT Bonus | **Udemy**   *Completion Date:* May 2023
Skills: Python, Neural Networks, NLP, Reinforcement Learning, Deep Learning

Google AI Essentials | **Coursera**   *Completion Date:* May 2024
Skills: Generative AI, Prompt Engineering, Artificial Intelligence, LLMs

ACHIEVEMENTS

Coding: Top 7% on LeetCode, max rating 1808. Tackled over 1000+ problems across Leetcode, Codeforces, and other platforms, demonstrated by 1759th place finish among 21263 people in Leetcode Weekly Contest 364.

Hackathon: Led a 4-person team and achieved top 10 finishes twice, including a 6th place, at the highly competitive 24-hour Hack-o-Holic Hackathon, including 150+ teams, organized by Graphic Era Hill University.

Enthusiast: Showcased a passion for innovation by actively participating in coding challenges and hackathons hosted by industry leaders like Amazon, Flipkart, TVS, and Coca-Cola.