Akanksha Bhayekar

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Education

Indian Institute of Technology, Mandi	Aug 2021 – Present
Btech in data science and engineering	*Cgpa till now: 7.24*
Mallick Junior College, Aurangabad	June 2019 – March 2021
Higher Secondary Certificate	*Percentage : 92.5*

Technical Skills

Languages: Python, C/C++ and JavaScript
Backend: Node.js, Express.js, RESTful APIs
Frontend: HTML, CSS, TailwindCSS
Clouds and Databases: AWS, MongoDb
Developer Tools: Git, Docker, Github, VS Code, Visual Studio, Spyder, Jupyter Notebook, Linux (Ubuntu),Google Collab
Libraries: Numpy, Pandas, OpenCV, Matplotlib, Seaborn, Scikit-learn

Projects

Detecting handwritten digits | *Python, Machine Learning, Hyperparameter Optimising*   **[Youtube]**
- Handwritten digit detection refers to the task of recognizing and classifying handwritten digits, typically ranging from 0 to 9
- This is approached using machine learning techniques, particularly neural networks
- Handwritten digit detection is commonly used for tasks like optical character recognition (OCR), digitizing documents, and automated form processing

WeatherVue | *HTML, CSS, JavaScript*   **[Github]**
- Created a responsive web application using HTML, CSS, and JavaScript to provide real-time weather updates for any location worldwide
- Designed an intuitive user interface allowing users to effortlessly input desired locations and instantly receive accurate weather information
- It ensures a seamless experience across various devices, from desktops to smartphones

URL Shortener | *Node.js, Express.js, MongoDb, HTML, CSS, JavaScript*   **[Github]**
- It enable users to generate short, shareable links from long URLs effortlessly
- Implemented robust backend logic and database management to efficiently handle millions of shortened URLs
- Leveraged asynchronous programming techniques in Node.js, including Promises and async/await, to manage concurrent operations effectively

KEY COURSES TAKEN

Computer Science:Data Structures and Algorithms, Data Science(I,II, III), Optimization for Data Science, Introduction to Statistical Learning, Computing System for data processing, Matrix Computation for data science, Mathematical Foundation of computer science, Information and Database Systems, Data Handling and Visualization
Mathematics and others: Linear Algebra, Engineering Mathematics(I,II), Product Realization Technology

Achievements

-Secured 3412 OBC-NCL Rank in Jee Advanced 2021
-Secured 25 rank in CodeSmash 1.0 held by Mercer
-Solved 300+ problems on Leetcode
-Solved 500+ problems on Codechef [Rating: 1584]
-Gold medal in International Mathematical Olympaid

Position of Responsibility

-Actively contributing to community service initiatives as a volunteer for NSS
-Volunteered for Decoration Team at Janmashtami
-Contrinuting as a core team member for SPICMACAY
-Served as a mentor for Freshers [GCS]