TANUJ KUNDLAS

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Education

Graphic Era Deemed University **Aug 2020 – June 2024**
Bachelor of Technology in Computer Science Engineering, 8.27 CGPA *Dehradun, Uttrakhand*

Shishu Niketan School **May 2018 – May 2019**
12th, 72% *Chandigarh, Punjab*

DAV Public School **May 2016 – May 2017**
10th, 90% *Paonta Sahib, Himachal Pradesh*

Experience

Graphic Era University **July 2023 – September 2023**
Software Engineer Intern *Dehradun, Uttarakhand*

- Internship under the guidance of Mr. Yuvraj Joshi, Assistant Professor in the Department of Computer Science and Engineering.
- Collaborated with a team of interns under the guidance of university faculty to develop an e-commerce website catering to vegetable vendors.
- Utilized programming languages such as JavaScript, HTML/CSS, and frameworks like ReactJs and NodeJs.
- Engaged in closed loop data processing and decision support through hypothesis testing and strategic analytics.

Projects

Task Management Application | — *Javascript, ReactJs*

- Developed a dynamic to-do list application using React, leveraging functional components and extensively utilizing React hooks (e.g., useState and useRef) for state management.
- Implemented a user-friendly interface allowing users to dynamically add, remove, and manage tasks.
- Utilized React hooks to manage component-level state, improving the application's responsiveness and user experience.
- Showcased a strong understanding of React component communication by passing data and functionality through props.

Twitter Sentiment Analysis | — *Python, NLP, TextBlob*

- Conceptualized and engineered interactive data visualizations using Matplotlib to illustrate sentiment trends effectively.
- Directed the extraction of Twitter data through the Twitter API, focusing on data mining and strategic analysis.
- Utilized Google Colab for collaborative development and execution, ensuring seamless integration and efficient workflow management.
- Successfully correctly categorised sentiment within Twitter posts, effectively distinguishing between positive, negative, or neutral sentiments.

SBI Trend | — *RNN, Python*

- Developed a time series forecasting model using a Simple Recurrent Neural Network with the TensorFlow and sci-kit-learn libraries to predict stock prices.
- Collected, preprocessed, and engineered historical stock price data using Python, focusing on data science and strategic analytics.
- Developed key features for machine learning models, resulting in a 20% increase in accuracy.
- Successfully attained an impressive 85% prediction accuracy through closed-loop data processing.

Skills

Languages: C++, SQL, JavaScript, HTML/CSS
Frameworks/Developer Tools: ReactJs, Nodejs, VScode, Git/GitHub.

Extra Curricular

- Assisted in organizing the "Success Sutra" event with Padma Shri awardee, Shri Madhukar Nath, and managed event planning and scheduling.
- Runner-up in the Chess tournament held at GEU, Dehradun.