Vihar Muneshchandra Prajapati
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Career Objective: Aiming to get admission to an esteemed university for higher studies. Keen to sharpen my skills, delve into research and emerge as a competent Computer Science professional.

Education:

Bachelor's of Technology (B.Tech.), Computer Engineering, (CGPA: 7.83) ***YEAR (2024)***
Institute: Birla Vishvakarma Mahavidyalaya

Work Experience:

Intern, Alian Software, Anand ***4 Weeks/2022***

- Worked as a NodeJS Developer and learned to use several Node JS libraries like Nodemailer, Cors and Express.
- Implemented 3 real-time projects using various Node JS libraries and API calls.

Intern, Tatvasoft, Rajkot ***2 Weeks/2023***

- Worked as a ReactJS developer and enhanced knowledge of React Material UI functionality.
- Learned form validation using the Formik library and made a mini project of an e-book store.

Projects:

Multiple Diseases Prediction ***1 Month/2021***

- The Machine Learning model aimed to predict the chances of getting affected by three diseases, namely, diabetes, heart disease and Parkinson's disease. The Support Vector Machine algorithm achieved 88.41% accuracy. Python, Django, HTML and CSS are used. Streamlit is used to build and deploy web application.
- Worked mainly with Python to train, test and hypertune the model.

Digital Gujarat Web Portal (Based on a government-stated problem definition) ***2 Months/2022***

- A web portal helping civilians to find and apply for government-granted schemes digitally. ReactJS, Bootstrap and CSS are used for the front end and for the back end, Node JS, ExpressJS and MongoDB are used.
- Worked with Node JS, ExpressJS, React JS and MongoDB, to support the functionalities of both front and back end.

Sportsperson Identifier ***1 Month/2022***

- A Machine Learning image classifier to identify the players of different games by submitting a player's image. Support Vector Machine, Logistic Regression and Random Forest are trained and tested, out of which Logistic Regression achieved the highest accuracy of 88.09%.
- Worked with HTML, CSS and Javascript for the front end and managed the back end using Python and Flask.

Time and Work Tracking System **4 *Months/2023***

- This web app is useful for tracking the employees' work assignments and the time taken to accomplish them. The performance of an employee can be assessed with the help of statistical analysis by upper management. ReactJS and CSS are used as the front end and NodeJS, MongoDB and ExpressJS are used as the backend.
- Worked with Node JS, ExpressJS and MongoDB to manage the entire backend as well as managed API calls.

Certification Courses:

- Ethical Hacking, NPTEL, Indian Institute of Technology Kharagpur
- Introduction to Industry 4.0 and Industrial Internet of Things, NPTEL, Indian Institute of Technology Kharagpur
- IPL Winner Prediction using Machine Learning, Great Learning
- Software Engineer, HackerRank
- Problem Solving, HackerRank

Skills and Expertise:

- **Technical Skills:** C, C++, JavaScript, MERN Stack Development (MongoDB, ExpressJS, ReactJS, NodeJS), Bootstrap, CSS, MySql, Java, Machine Learning
- **Organizational Skills:** Communication skills, Problem-solving, Adaptability, Analytical thinking
- **Languages Known:** English, Gujarati, Hindi

Extra-Curricular Activities

- Seminar on 'AI & its Application', organized by IEEE BVM Student Branch ***March/2021***
- Hands-on Flutter Workshop, organized by GDSC BVM Student Branch ***January /2021***
- Publicity Head in 'UDAAN', a cultural festival at the college ***May/2022***

Volunteer Experience:

- Conducted a talk on 'Dopamine and its effects on the teenage brain' in IEEE Club of College ***August/2023***

Honours and Awards:

- Led a team and became 3rd finalist in a state-level Hackathon named 'Azadi ka Amrit Mahotsav', organized by SSIP Gujarat Government. ***October/2022***
- Runner-up in the 'Solution Fest' coding event, for the 'Multiple Diseases Prediction' project, organized by the Google Developer Student Club (GDSC). ***April/2022***