Umangkumar Patel

Web Developer

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Github | Portfolio

📇 Profile

A passionate and committed web developer with a Bachelor's degree in computer engineering and 6 months of machine learning and web development experience. Expertise in a wide range of programming languages and frameworks, including React JS, Java, Python, Flask, HTML, and CSS. I'm obsessed with creating new online applications that tackle real-world problems.

🎓 Education

PG in Web Development   2023 – present | Kitchener, Canada
Conestoga College

Bachelor of Engineering in Computer Engineering   2018 – 2022 | Anand (Vasad), India
Sardar Vallabhbhai Patel Institute of Technology (GTU)
  CGPA: 9.10

Higher Secondary School (11th & 12th)   2016 – 2018 | Vadodara, India
Parth School of Science and Competition
  Percentage: 80.00 %

💼 Professional Experience

Web Developer   Apr 2022 – Sep 2022
Softcom Technologies   VADODARA, India

- Design and develop intuitive user interfaces using React concepts and best practices.
- Develop and optimize highly responsive user interface components using JavaScript following React.js workflows.
- Troubleshoot interface software and debug application codes to ensure high-quality products.
- Implement scalable front-end architecture to support user interface concepts.
- Monitor and optimize front-end performance to improve user experience and page load times.
- Document application changes and collaborate with the development team for effective communication.

Machine learning Intern   Oct 2021 – Mar 2022
BrainyBeam Technologies Pvt Ltd.   Ahmedabad, India

- Designed and developed a Recommender system using Python and collaborative filtering algorithms to improve user engagement and increase revenue for the company's e-commerce platform.
- Conducted exploratory data analysis (EDA) on large-scale datasets to identify patterns and trends that informed the Recommender system's design.
- Optimized the Recommender system's performance by applying regularization techniques and hyperparameter tuning.
- Utilized data visualization tools like Matplotlib and Seaborn to create visualizations that communicated data insights effectively to stakeholders.

- Presented the results of the Recommender system project to senior management in a clear and concise manner.

📁 Projects

Billing Web Application
React JS

Hospital Management System
Java, MySQL

Car Price Prediction System
Python, ML libraries, Flask, HTML, CSS

📑 Certificates

Front-End Web UI Frameworks and Tools: Bootstrap 4 ⌁
The Hong Kong University of Science and Technology (Coursera)

Introduction to Git and GitHub ⌁
Google (Coursera)

Python Data Structures ⌁
University of Michigan (Coursera)

Introduction to Web Development ⌁
Coursera

Programming for Everybody (Getting Started with Python) ⌁
University of Michigan (Coursera)

🧠 Skills

Database
MySQL

Frameworks
React JS, Flask, Bootstrap, React-Native

Version control
Git and Gtihub

Programming Languages
HTML, CSS, JavaScript, jQuery, Java, Python

Database
MySQL

🎸 Interests

- Coding
- Participating in hackathons and coding competitions
- Learning new technologies and tools
- Solving complex problems using innovative solutions
- Contributing to open-source projects

🌐 Languages

English

Hindi

Gujarati