Tirth Patel

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EXPERIENCE

Software Engineer   July 2021 – Present
Accenture   *Bangalore*

- **Frontend Development:-**
  – Developed a high-performance, scalable responsive UI using **React.js, TypeScript, and Radix UI library**, improving page load speed by **20%** and ensuring seamless performance across multiple devices.
  – Implemented **BEM** methodologies, leading to a **30%** reduction in code maintenance time.
- **Component Re-usability:-**
  – Designed and implemented reusable React components, increasing code reusability, quality and reducing new feature development time by **20%**.
  – Developed business-critical UI components and core logic using **OOP** principles in JavaScript.
- **Data Visualization:-**
  – Enhanced data-driven insights by integrating Nivo network graphs, increasing user engagement by **15%**.
- **User Experience:-**
  – Improved accessibility compliance by **25%** by designing and developing a WCAG 2 Level AA compliant UI for internal assets using HTML, SCSS, JavaScript, and Handlebars.js.
- **UI Toolkit Enhancement:-**
  – Created a feature to trace **200+** components across **100+** pages, streamlining component identification and reducing component search time by **30%**, significantly improving team efficiency.
- **Integration:-**
  – Integrated **real-time data** updates and communication using **WebSocket** and **React Chatbot Kit library**, enhancing user interaction and data accuracy.
- **Collaboration:-**
  – Collaborated effectively with backend teams to integrate GEN AI responses from OpenAI API and ensure seamless functionality of Accenture leading **Gen AI Navigator** product.

TECHNICAL SKILLS

Technologies: Javascript (ES6+), TypeScript, HTML5, CSS3, SCSS, RESTful API
Frameworks: React.js, Nivo based on D3.js, Node.js, Selenium, Handlebar.js, Tailwind
Developer Tools: Git, Github, JIRA Project Management Tool, Fabricator, Postman, VS Code,
Familiar With: Redux, Core Java, MySQL

ACADEMIC PROJECTS

The Blogger | *React.js, JavaScript* | *Github Link*   January 2021
- Developed a React-based blog platform where users can create, update, and delete blogs. Utilized mock **JSON Server** and **RESTful API**, ensuring a seamless user experience.

Twitter Sentiment Analysis | *Streamlit, Python* | *Github Link*   December 2020
- Built a Streamlit app using **Python** and the Twitter API for real-time sentiment analysis, categorizing tweets and identifying frequently used **positive and negative words** for deeper insight into text data.

ACHIEVEMENTS

Accenture Celebrates Excellence Skills Star Award: For consistently applying New IT Skills for impactful business outcomes and positioning Accenture for future growth
Microsoft Technology Associate: Introduction to Programming using Python MTA 98-381
NPTEL: Problem Solving through Programming in C

EDUCATION

Gujarat Technological University   Ahmedabad
BE in Computer Engineering | 9.25 CGPA   *July. 2017 – May 2021*