

Dhruv Shah

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EDUCATION

Towson University
Bachelor of Science
Major in Computer Science (Software Engineering)

Towson, MD
Expected May 2027

WORK EXPERIENCE

Solar Marketing Agency Remote
Web Developer Feb 2023 – Jan 2024

- Utilized innovative website design techniques to create an intuitive and user-friendly website
- Designed and developed a professional website for Social Media Marketing Agency (SMMA) from concept to completion, effectively showcasing the agency's services, portfolio, and enhancing its online presence
- Implemented advanced scheduling algorithms using JavaScript, reducing event processing time by 30% over a 6-month period, enhancing user experience and increasing client satisfaction

PROJECTS

HomeworkHQ Jan 2024

- Developed a full-stack web application "Homework HQ" using React.js for the front-end, Express.js and Node.js for the back-end, showcasing proficiency in modern JavaScript frameworks and server-side development.
- Implemented a robust database system using MongoDB, enabling efficient data management and retrieval for the Homework HQ application, demonstrating skills in NoSQL database integration and API development

WeatherAPI Dec 2023

- Lead full-stack development of a location-aware weather site using React.js, Node.js and Express.js
- Integrated Weather Stack API to provide personalized, accurate weather information

INDUSTRY EXPERIENCE

GE Aerospace Explore Digital Technology Virtual Experience Jan 2024

- Drafted clear technical requirements for a feature, suggesting optimal order times for plane parts. Explored strategies to align technical specification with business requirements, ensuring effective solutions

Goldman Sachs Software Engineering Virtual Experience Sep 2024

- Identified that the company was using an outdated password hashing algorithm by cracking passwords using Hashcat. Wrote a memo for my supervisor summarizing a range of proposed uplifts to increase the company's level of password protection including extending minimum password length and using a dedicated hashing algorithm

ACTIVITIES

South Asian Student Association Towson, MD
Logistic & Event Coordinator Sep 2024 – Present

- Collaborated with a team to plan engaging events for 100+ attendees, fostering a sense of community among South Asian Students and promoting cultural awareness on campus.

Towson University Cyber Defense Club Towson, MD
Frontend Developer Aug 2023 – Present

- Currently redesigning and optimizing the official Towson University Cyber Defense Club Website
- Implementing responsive design techniques to ensure seamless functionality across all devices

ADDITIONAL

Technical Skills: JavaScript, Java, Python, React.js, Express.js, MongoDB | **Languages:** English, Gujarati (Conversational), Hindi (Conversational) | **Soft Skills:** Problem-Solving, Collaboration, Communication, Time Management, Adaptability