Ayush Solanki

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About Me

Self-driven and adaptable software developer with a solid understanding of front-end and back-end technologies. Looking for a dynamic role to apply my practical knowledge in web application development and problem-solving, while learning from experienced mentors and contributing to impactful software solutions.

Experience

Teaching Assistant, *Darshan University*
- Currently assisting in teaching key concepts and techniques in algorithm design and analysis.**(June 2025 – Present)**
- Successfully conducting lab sessions and supporting students in Python. **(Nov 2024 – March 2025).**
- Facilitated Data Structures lab sessions, assisting students with coding implementation. **(June 2024 – Sept 2024)**
- Assisted in conducting lab sessions and helping the students in OOPs in Java. **(Dec 2023 – April 2024)**

Projects

Factory Management Project | ASP.NET Web API, ASP.NET MVC, *Semester - 6*
- Designed and developed a web-based system to manage factory operations, including product management, order tracking, inventory control, and customer handling.
- Built a secure backend using ASP.NET Web API and an interactive frontend using ASP.NET MVC with separate panels for Admin and Customers to ensure smooth and role-based workflow.

Crop Guard | MERN, Tailwind CSS, *Semester - 5*
- Designed and developed a full-stack web application to help farmers detect crop diseases, access preventive solutions, and engage in community discussions.
- Implemented responsive and intuitive UI using React and Tailwind CSS, and built robust backend services with Node.js, Express, and MongoDB to handle user queries, posts, and real-time data flow.

Technical Skills

Programming Languages: Java, Python, C, JavaScript

CS Fundamental: Data Structure & Algorithm, OOPs

Database: MS SQL, MongoDB

Web Technology: ReactJS, NodeJS, ExpressJS, Redux

Professional Skills

Adaptive

Problem Solving

Team Work

Analytical Thinking

Education

Bachelor of Technology in Computer and Science (CPI: 9.69), *Darshan University*	2022 – 2026
12th Standard Science (Percentage: 82 %), *Shri G.T. Sheth Vidyalaya, Rajkot*	2021 – 2022
10th Standard (Percentage: 86 %), *Shri G.T. Sheth Vidyalaya, Rajkot*	2019 – 2020

Certifications and Achievements

- **500+ problems** solved in Leetcode.
- Secured 4th position for developing an Employee Leave Management System, showcasing expertise in Angular, project development, and collaborative problem-solving.
- Participated in multiple hackathons at DAIICT and ATMIYA University, demonstrating problem-solving and collaboration skills.

Languages

English, Hindi, Gujarati

Hobbies

Drawing, Sketching, Listening Music, Traveling