TANISHA TOMAR

Senior Software Engineer

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EXPERIENCE

Senior Software Engineer
HirePro Consulting pvt. ltd
📅 Oct 2022 - Current

- I am primarily involved in the development of HirePro's key products: **Interview**, **Assessment**, **Staffing**, and **Candidate**.
- **Real-Time Server Communication with SSH Web Terminal :** created a **web terminal** utilising **Xterm.js** and **socket.io** to facilitate real-time server communication. Integrated Xterm.js for a seamless terminal interface and enabled instant server communication via socket.io.
- **Media Handling and Anti-Cheating Measures :** Applied anti-cheating measures during assessments and interviews and managed **MediaRecorders** for content capture and blocked unauthorised streams. Utilised media streams for user-generated content, live streaming, and video conferencing.
- **AI Code Review Implementation :** Utilized polling APIs for implementing AI code review functionality in the Interview application, enabling automated evaluation of candidates' coding solution.
- **Media Device Change Detection :** If a candidate attempts to switch media devices mid-assessment, the system triggers an automatic response to remove the user from the assessment.
- **Acheivements :** I have also been recognized for my exceptional performance with the Fortnightly Award twice. (November 2022 and July 2023)

Intern
Careernet Technologies pvt. ltd.
📅 Jun 2022 - Sept 2022

- Acquired a comprehensive understanding of Angular and various JavaScript and its libraries like lodash, moment.js, chart.js.
- Proficient in semantic HTML, CSS and its frameworks like Bootstrap for web development.
- Extensively utilized Chrome Dev Tools for debugging and optimization.
- Expertise in Model-View-Controller (MVC) architecture.
- Implemented WebSocket for real-time communication.
- Developed proficiency in handling JSON, including parsing, manipulation, and serialization, enabling efficient data exchange and storage in web applications, particularly in local and session storage.
- Performing CRUD operations, validating forms.

PROJECTS

- **IPL Score Board** : Designed a website to depict the current scores of the IPL teams. This project is purely created using **AngularJS**.
- **GeeksAcademy** : Designed a dummy website using bootstrap to implement the form validations, Local storage and Crud operations. The project is purely created using **Javascript**.
- **Marvel-Movies** : Designed a responsive website purely by **Bootstrap** and **CSS** for enhancing the creating skills to design a website.

EDUCATION

B.Tech in Computer Science
Madhav Institute of Technology and Science
📅 July 2018 – May 2022   **Gwalior**   CGPA : **8.50**

Class XII
Ram Krishna Vidhya Mandir
📅 March 2017–April 2018   **Gwalior**   Per : **90%**

Class X
Carmel Convent Sr. Sec. School
📅 March 2015–April 2016   **Gwalior**   CGPA : **10**

SKILLS

Angular React Javascript Node.js Socket.io HTML CSS Bootstrap Python C/C++ SQL jQuery Git Github

COURSEWORK

Data Structures Algorithms Operating Systems DBMS OOPS Cyber Security Computer Networks Software Engineering

CERTIFICATION

- GATE (Branch CSE) Qualified 2022
- UDEMY-The Web Developer Bootcamp
- MAZE SOLVER ROBOT (Participated in 2 days workshop)
- NPTEL - Cloud Computing

EXTRA CURRICULAR

- Anchored in ABHIVYAKT (music club event 2018)
- Volunteered in BLOOD DONATION CAMP, member of NSS (MITS, Gwalior)
- Taught underprivileged children, member of LET'S CARE (NGO)
- Certified **Classical Musician**
- Sports : Badminton and Basket Ball