TUSHAR SATALINGOL

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SUMMARY

"Engineering graduate with strong programming skills, back-end development experience, and knowledge of web technologies, software engineering, and databases. Self-motivated and eager to learn in a fast-paced environment. Eager to contribute to innovative, collaborative team projects"

TECHNICAL SKILLS

- ➢ **Programming Languages:** Java, JavaScript
- ➢ **Front-end:** HTML, CSS, Bootstrap, React.js
- ➢ **Back-end:** Node.js Express.js
- ➢ **Database:** SQL, MongoDB
- ➢ **Concepts:** OOPs, Data Structures, REST-full APIs, MVC Frameworks

EDUCATION

Dr Ambedkar Institute of technology   **Nov 2020 – Aug 2024**
B.E in Electrical and Electronics Engineering   *Bangalore*

Banajawad PU College   **June 2018 – July 2020**
Pre-University Course in Science   *Athani*

PROJECTS

WANDERLUST | *HTML, CSS, JavaScript, Bootstrap, Node.js, Express.js, Mongoose*   **July 2024**
- Developed a full stack project using the MVC framework, including the development of Restful APIs for seamless data exchange and efficient CRUD operations.
- Improved data retrieval efficiency by 30% through optimized API calls.
- Implemented robust authentication and authorization mechanisms using the Passport NPM package for secure access to listings.

PREDICTION OF ELECTRICITY DEMAND USING AN AI MODEL   **March 2024**
- Developed an AI-based model for predictive maintenance in micro-grids, enhancing efficiency, reliability, and sustainability by forecasting electricity demand.
- Designed a robust system architecture using Feed-forward Artificial Neural Networks (FFANN) and Recurrent Neural Networks (RNN). Sourced and prepossessed extensive datasets from Kaggle, including historical electricity demand.

AMAZON CLONE | *HTML, CSS*   **October 2023**
- Developed a responsive and user-friendly interface using HTML and CSS, including product listing, and search functionalities.
- Implemented a shopping cart feature with real-time updates and persistent storage for an enhanced user experience

RELEVENT COURSEWORK

- Java Training
- Introduction to SQL

SOFT SKILLS

- Problem Solving
- Analytical thinking
- Communication Skills

INTERESTS

- Playing Cricket & Badminton
- Listing to Songs