

AMAR SONU NATH

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EDUCATION

Heritage Institute of Technology

Bachelor of Technology, Computer Science Engineering(AI ML): **(2022-2025)** Appearing

Elite Polytechnic Institute

Diploma. Mechanical Engineering: **(2018 – 2021)** 8.6 CGPA

Dreamland School

Class XII: **(2018)** 54%

Class X: **(2016)** 72%

EXPERIENCE

Trainee Engineer

Motherson Automotive Technologies and Engineering, Pune

11/2021 - 4/2022

- Gained practical experience in automotive manufacturing, including production, assembly, machinery maintenance, and quality inspections.
- Collaborated with the team to enhance processes and resolve technical issues.

PROJECTS

Developed a Full-Featured Food Delivery App

- Designed and implemented an intuitive user interface for ordering food, built using **React** and Firebase, enhancing user experience through dynamic and responsive components.
- Enabled secure user authentication via **Firestore**, allowing users to create accounts, log in, and manage their orders efficiently.
- Developed a backend using **Express.js** and **MongoDB**, providing robust data storage, efficient order processing, and seamless API communication between the frontend and backend.
- Added user profile management, allowing users to update personal details and view past orders.

Developed a Full-Featured Real Estate Listing Platform using the MERN Stack (MongoDB, Express.js, React, Node.js)

- Implemented secure user authentication and authorization using **JWT tokens**, enabling users to create accounts, log in, and manage their property listings.
- Utilized **React.js** to create a responsive and dynamic frontend, enhancing the user experience with modern UI components.
- Leveraged **Bootstrap** for a sleek and responsive design, ensuring the platform is accessible across various devices.
- Used **MongoDB** for efficient data storage and retrieval, handling large volumes of property data seamlessly.
- Built RESTful APIs with **Express.js** and **Node.js**, facilitating smooth and secure communication between the frontend and backend.

SKILLS

Languages: Java, C/C++, SQL (MySQL), JavaScript, HTML, CSS.

Frameworks & Libraries: React, Node.js, Bootstrap, Tailwind CSS, Express.js.

Developer Tools: VS Code, Visual Studio, repl.it.