Satish Miral

## Solapur, India

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# Profile Summary

* Full-Stack coder with a strong focus on frontend technologies, proficient in Node.js, Express.js, and PostgreSQL, creating scalable and efficient applications.
* Skilled in developing responsive and user-centric **front-end** interfaces using **React.js** and **React Native**, with strong version control practices using **Git** for seamless collaboration.
* Engineered an innovative solution that combines **machine learning**, **web scraping**, and **cloud computing** to deliver real-time insights and comparisons, enhancing user decision-making experiences.
* Proficient in deploying applications on cloud platform like **AWS**, utilizing serverless architecture and microservices to optimize performance and reduce costs.

# Technical Skills

* React.js
* Node.js
* Java
* React Native
* AWS
* Cloud Computing
* DSA
* Python
* PostgreSQL
* JavaScript
* ML
* Git

# Experience

**RSquareSoft Technologies – Software Engineer Intern Start Month: January 2025**

* Built intuitive and responsive **mobile app** interfaces using **React Native**, improving user experience and UI consistency.
* Collaborated with the team using **Git** for version control, ensuring smooth code integration and project management.
* Worked on real-time features and optimized app performance, contributing to a **scalable** and **maintainable** **codebase**.
* Gained hands-on experience in mobile app development within an agile environment, adapting quickly to changing requirements.

# Projects

**SmartCompare – ML Powered Chrome Extension** *| HTML, CSS, Node.js, Express.js, Puppe teer, Tensorflow.js, AWS*

## [GitHub Repository](https://github.com/SatishMiral/Flipkart-Extension)

* SmartCompare is an **Innovative Chrome extension** that instantly fetches and displays Amazon product details (price, rating, similarity score) for any Flipkart product, and vice versa, enabling smarter shopping decisions.
* Developed a **Node.js** and **Express.js** backend, integrated with **Puppeteer** for live data retrieval, ensuring accurate product information.
* Deployed the backend on **AWS**, used **TensorFlow.js** for real-time image matching.
* Designed a **seamless, non-intrusive UI** that overlays comparison data directly on product pages of Amazon & Flipkart, saving users time and effort.

**BookMania – Web Application** *| HTML, CSS, EJS, Node.js, Express.js, RESTful API, PostgreSQL*

## [GitHub Repository](https://github.com/SatishMiral/BookMania)

* **BookMania** is a Web Application designed for book enthusiasts to explore, manage, and curate their personal book collections.
* Implemented dynamic front-end templates with **EJS**, streamlining user interactions and enhancing UI functionality for search, add, view, and delete features.
* Designed a responsive platform using **Node.js**, **Express**, and **EJS**, enabling users to search books via the **Google Books API**, view details, and manage their personal collections.
* Developed **RESTful API** integration with Axios and optimized database interactions using PostgreSQL, ensuring fast and secure data handling.

# Education

**Walchand Institute Of Technology, Solapur Expected Graduation: July 2025**

*Bachelor of Technology*

*Electronics & Telecommunication*

*CGPA :- 9/10*

# Certifications

* Web Development Bootcamp – Udemy - [Certificate](https://drive.google.com/file/d/1xzeWAhW3Fnv4oyhsnWfQUdyuGkc82C3R/view?usp=sharing)
* Data Structures & Algorithms – Apna College - [Certificate](https://drive.google.com/file/d/1LWRuMm_APfrfkslgbNiIbfHSJ10HzCB0/view?usp=sharing)