Saksham **Kerni**

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SKILLS

BACK END DEVELOPMENT│ Java • Python • Spring • Express • NodeJS
MISCELLANEOUS│MySQL • SQL • MongoDB • Git • GitHub
FRONT END DEVELOPMENT│ ReactJS • Redux • JavaScript • Bootstrap •
Materialize • HTML • CSS
SOFT SKILLS│ Team player • Bias for action • Deliver results

PROJECTS

E-COMMERCE WEBSITE (SITE) (MERN Stack)

- Developed a full-stack web application for selling shoes using MongoDB, Express.js, React, and Node.js (MERN).
- Implemented user authentication, product listings, reviews, and a shopping cart system.
- Designed a responsive and user-friendly interface to enhance customer experience.
- Integrated a RESTful API for efficient data handling and seamless communication between the front-end and back-end.
- Deployed the application and utilized MongoDB for scalable data storage and retrieval.

ATM Machine (Java)

- Developed a fully functional ATM machine application using core Java principles, including object-oriented programming, exception handling, and file I/O operations.
- Implemented key features such as balance inquiries, cash withdrawals, deposits, and secure PIN-based authentication and a unique account number secured with a unique pin.
- Designed a user-friendly console interface to streamline user interaction while ensuring secure and accurate transaction processing.
- Incorporated robust error handling and data validation mechanisms to manage invalid inputs and edge cases.
- Leveraged file handling techniques to simulate persistent data storage, enabling transaction history tracking and account management.

Task Management System (JavaScript, Node.js, Express, MongoDB)

- Engineered a full-stack task management platform designed to streamline daily workflow, featuring task creation, real-time updates, and status tracking.
- Built a RESTful API using Node.js and Express to efficiently handle CRUD operations, with secure integration of MongoDB for persistent data storage.
- Implemented robust user authentication and authorization, ensuring privacy and secure access to personalized task data.
- Developed an intuitive and responsive user interface that supports real-time interaction, dynamic task updates, and in-app notifications.
- Enhanced productivity through advanced features like task prioritization, filtering, and deadline management, providing users with a seamless experience across devices.
- Applied MVC architecture to ensure scalability and maintainable code, while optimizing server performance for fast, reliable task handling.

EDUCATION

Pune University
Bachlors in Computer Science
June 2025│ Pune
CGPA : 8.54

HONORS & AWARDS

Declamation Competition (Gold)
For best given speech with Expressions│ Inter-College│ Aug.2023│ Pune

COURSEWORK

Data Structures & Algorithms
MERN Stack
Web Development
Java Bootchamp

INTERESTS
• Fitness • Self-Improvement
• Nutrition • Travelling