SHREYASH BHOSALE

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Education

D Y Patil College Of Engineering and Technology	**Kolhapur, India**
Bachelor Of Engineering in Computer Science | CGPA- 7.45	2021-2025
Sanjay Ghodawat Junior College	**Kolhapur, India**
HSC (12th Grade) | Grades- 89.50%	2019-2021
Late. Narayandev Keshav Kulkarni Highschool	**Sangli, India**
SSC (10th Grade) | Grades- 90%	2018-2019

Technical Skills

Languages : Java, Python**,** Javascript

Web Development: HTML, CSS, Node.js, Express.js, FastAPI, REST APIs

Databases : MongoDB, MySQL, Firebase,

Developer Tools: Git, Github, Postman

Softskills : Leadership, Team Collaboration, Problem-solving

Projects

INVENTRA: Full Stack Inventory Management/ *Next.js, React, TypeScript, Node.js, PostgreSQL* **Github**

- Built a production-ready **inventory system** that reduced manual stock tracking time by **65%** for small businesses.
- Implemented automated **low-stock alerts** that decreased missed **restocking events** by 40%.
- Developed a supplier **data import feature** that cut product entry time from **2 hours to 15** minutes daily.
- Designed **dashboard visualizations** that helped users identify **sales trends 3x faster** than spreadsheets.

Wanderlust: Travel Discovery & Planning Platform/ *Node.js, MongoDB, Google map API, JWT* **Github**

- Created a **travel planning tool** that helped users build **itineraries 50% faster** than manual research.
- Integrated **live location** with Google Map API to highlight nearby attractions, improving discovery accuracy by **35%**.
- Reduced **server response** times to **under 400ms** through MongoDB query optimization.
- Implemented **authentication** with JWT with bcrypt password hashing, that handled **100+ user accounts** without security incidents.

AI-Virtual Mouse: Gesture-Driven virtual input system/ *Python, OpenCV, Mediapipe* **Github**

- Developed a **gesture control system** with **94% accuracy** in real-world testing
- **Reduced latency to 120ms** through OpenCV pipeline optimizations.
- Implemented a model that recognized **distinct gestures** with **90%+ reliability.**

Experience

SINEK Marketing Technology	**June 2024 – July 2024**
Intern	*Kolhapur, India*

- Designed a **firebase database** to manage events, ensuring real-time live event updates and insights.
- Optimized **Node.js/Express.js APIs**, reducing server response time by **30%** and increasing system throughput.
- Increased admin team productivity by **20%** by building **React dashboards** with real-time charts and filtering tools.
- Automated **event analytics reporting**, cutting manual planning time by **15%** for marketing teams.

Awards & Certifications

Accenture UK Developer Virtual Experience (Forage)

Agile simulation, API development, client delivery practices.

Walmart Global Tech Advanced Engineering Program

Backend performance optimization, schema design, data handling.