

SIVASANKAR

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EDUCATION

- **Jerusalem College of Engineering, India | CGPA: 8.0**

B.E Computer Science and Engineering

Coursework: Data Structures, Design, and Analysis of Algorithms, Operating System, DBMS, OOPs

INTERNSHIP EXPERIENCE

- **Data Analytics Intern | Shiash Pvt Ltd**

- Performed data collection, cleaning, and transformation using SQL and Python (Pandas, NumPy).
- Analyzed datasets to generate insights and support decision-making.
- Improved skills in data visualization, interpretation, and reporting.

CERTIFICATION

- **MERN Stack Development Certification | Gradiious Technologies | May 2025 – Oct 2025**

- Completed certified training in MongoDB, Express.js, React, and Node.js.
- Developed full-stack web applications with REST APIs and responsive interfaces.
- Gained practical experience in authentication, CRUD operations, and deployment.

PROJECTS

- **Full Stack Developer | Attendance Management System | React, Node.js, Express, MySQL Sept 2025 – Nov 2025**

- Built a role-based attendance application with Admin, Supervisor, and Worker dashboards.
- Implemented check-in/check-out tracking, user management, and analytics using Chart.js.
- Developed a responsive React UI and a modular Express backend with RESTful APIs.

- **Web Developer | Amazon Clone Project | HTML, CSS, JavaScript**

March 2025 – May 2025

- Built an Amazon-style e-commerce platform with product listings, cart, and checkout features.
- Implemented dynamic cart updates, order summary, and payment simulation for realistic workflows.
- Created responsive layouts ensuring seamless usability across all devices.

- **Glasses-Type Wearable for Emotion Recognition | ESP32-CAM, XGBoost, Bluetooth, Mobile App**

- Designed a wearable device to help visually impaired users by recognizing and conveying facial emotions in real time.
- Used ESP32-CAM for image capture and XGBoost for emotion classification with high accuracy.
- Built a Bluetooth-enabled mobile app providing auditory cues and integrated vibration feedback for tactile alerts.

TECHNICAL SKILLS

- Web Development : React, Node.js, Express, REST APIs
- Programming Languages : JavaScript, Java
- DevOps Tools: Git, Jira
- Databases : MongoDB, MySQL
- Data Structures : Java