BHIMASHANKAR WAGALGAVE

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ABOUT ME

A highly motivated Application Developer with a Master's degree in Industrial Mathematics with Computer Applications (CGPA 8.84). I have hands-on experience in developing automation solutions, web applications, and API integrations for manufacturing industries. My work includes building machine automation tools, training systems, and Learning Management Systems (LMS) to upskill industrial workers. I also have experience in manual testing and basic automation using Selenium to ensure software quality and reliability. Passionate about delivering impactful software solutions, I'm seeking challenging opportunities in software development to contribute innovative, scalable, and real-world tech solutions.

SKILLS

- **Programming Languages:** Java, C++, Python, Node.js, SQL.
- **Databases (DBMS):** MySQL.
- **Web Development:** HTML, CSS, JavaScript, WordPress
- **Frameworks & Libraries:** Flask, Express.js, Selenium (WebDriver), Three.js, Paper.js
- **Development Tools:** Visual Studio, Eclipse IDE
- **Tools & Platforms:** AWS (EC2),GitHub
- **Core Subjects:** Linear Algebra,Computational Geometry, Statistics and Probability

EDUCATION & CERTIFICATIONS

2023-2025

- **Master Of Science (Industrial Mathematics with Computer Applications)**
  Department Of Mathematics,Savitribai Phule Pune University
  CGPA: 8.84

2020-2023

- **Bachelor Of Science (Mathematics)**
  Annasaheb Magar College,Hadapsar
  CGPA: 9.19

EXPERIENCE & PROJECTS

Application Developer

Parallel Learning Pvt. Ltd. | May 2025 – Present

- Designing and building automation tools and training software for manufacturing companies.
- Created a Learning Management System using Node.js and MySQL to help train workers with user tracking and course progress.
- Developed backend tools using Python and Flask to support machine-related tasks and business processes.
- Deployed projects on AWS to make them reliable and accessible across multiple factory sites.
- Used Zoho APIs to automatically fetch work orders, update progress, and sync data with company systems.
- Worked with industry experts to ensure the software meets real factory and training needs.

Web Developer Intern

Softgenio Technology | March 2025 – May 2025

- Designed and developed responsive websites using HTML, CSS, and WordPress.
- Delivered a live conference site with a modern, clean UI.

Academic Projects

Student Management System

- A desktop-based application developed in Java Swing with JDBC for database connectivity.
- Built as part of a Software Engineering course to manage student records, allowing CRUD operations via a graphical user interface.

3D Wall Clock (SPPU Academic Project)

- Created a dynamic 3D wall clock using TypeScript and Three.js, displaying real-time updates.
- Focused on interactive 3D graphics and browser-based rendering using WebGL.

VOLUNTEER EXPERIENCE

- **National Mathematics Day : Solitaire Cooperative Housing Society,Pune -2024**
  Organized interactive activities such as games and puzzles to make learning mathematics enjoyable, while promoting awareness of Indian mathematical contributions.
- **Alumni Meet :IMCA Pune University -2024**
  Anchored the Alumni Meet 2024, ensuring smooth event flow and engaging interactions.