Jaishri Shivaji Gurve

Pune,In
📱 *+91 98345 24096*
✉ *jsgurve@gmail.com*

Objective

To begin a career in software development where I can apply my skills in C, C++, VC++, and Oracle, while leveraging my strong mathematical foundation to contribute to innovative projects and continuous learning.

Education

2015 **B.E. in Computer Engineering**, *RTMNU Nagpur University*
Percentage: 59.08%

2011 **12th**, *Maharashtra Vidyalaya Khaperkheda*
Percentage: 62.17%

2009 **10th**, *Maharashtra Vidyalaya Khaperkheda*
Percentage: 83.38%

Skills

Excellent communication

Ability to break down concepts and share them

Problem-solving ability

Organisation and time management

Conflict resolution

Technical Skills

Programming	C, C++, SQL
Web Development	HTML, CSS
Database	SQL
Tools	VC++ (Visual C++), Microsoft Office Suite

Experience

Omkar Institute, Khaperkheda — Mathematics Lecturer (Engineering Mathematics) 2018 – 2024

Taught B.Tech Mathematics courses (M1, M2, M3) to undergraduate engineering students.

Designed lesson plans to simplify advanced mathematical concepts.

Guided students in problem-solving, numerical methods, and applied mathematics.

Projects

Railway Route Optimization System — Path-Planning and Optimization 2015 — Academic Project

Developed an intelligent system to determine the most efficient railway routes, reducing travel time and operational costs.

Implemented algorithms for shortest path detection and congestion management using Python.

Designed a visualization module to display optimized routes and scheduling patterns.

Integrated database support to store route data and historical performance metrics.

Enhanced system performance through algorithm optimization and modular code design.

Certifications

Certificate in Advanced Technologies in Software Development (C, C++, VC++, Oracle) – Grade B Government Polytechnic, Nagpur — Jun 2015 – Nov 2015

Languages

English – Intermediate

Hindi – Fluent

Marathi – Native