

OMKAR SANJAY GAIKWAD

Software Engineer — Fresher | C++, Java, Python | OOP & DSA | SQL / DBMS | REST APIs

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PROFESSIONAL SUMMARY

Software developer with strong Object-Oriented Programming fundamentals across Java, C++, and Python, and hands-on experience with Data Structures & Algorithms, relational databases (SQL, MySQL), and REST API design. Independently designed and built PhotoHub, a full-stack booking platform with a Spring Boot backend covering REST API design, layered architecture, and relational data modeling. Completed PreCAT at SunBeam Infotech with exposure to Computer Architecture, Digital Electronics, and Microprocessors alongside core programming and DSA training, and recently finished PGDAC from CDAC (68.10%) with a strong foundation in OOP, DSA, DBMS, and Agile/SDLC. Brings 1.5+ years of prior experience coordinating cross-functional engineering teams in a production environment, contributing strong analytical, problem-solving, and communication skills for fast-paced, collaborative development work.

TECHNICAL SKILLS

- **Programming Languages:** Java, C++, Python, C# (learning), JavaScript (ES6+)
- **OOP & Data Structures:** Strong OOP fundamentals; Data Structures & Algorithms; Exception Handling; Collections
- **Databases / SQL:** SQL (SELECT, INSERT, UPDATE, DELETE, JOIN), MySQL, DBMS Concepts, Spring Data JPA/Hibernate, MongoDB
- **Web Technologies:** HTML5, CSS3, JavaScript, REST API Design & Integration, React.js (React 18), Node.js, Express.js
- **Backend Frameworks:** Spring Boot, Spring MVC, Spring Security, MVC Architecture
- **Automation & Systems Fundamentals:** Digital Electronics, Microprocessors, and Computer Architecture (via PreCAT training); Software Engineering & Agile/SDLC
- **Tools:** Git, GitHub, Maven, Postman, Swagger/OpenAPI, VS Code

PROJECTS

PhotoHub — Photography Services Booking Platform (Full-Stack)

Feb 2026 – Jul 2026

Java, Spring Boot, Spring Security, Spring Data JPA/Hibernate, MySQL, JWT, REST API, Swagger/OpenAPI, Postman, React 18, Git/GitHub

Project Repository: [GitHub – PhotoHub](#)

- Developed a REST API (Auth, Users, Photographers, Packages, Portfolios, Bookings, Reviews, Admin) with layered Controller-Service-Repository architecture and DTOs for clean, well-structured request/response contracts
- Modeled and persisted core relational entities with an ORM (Spring Data JPA/Hibernate) on MySQL, performing full CRUD operations, including a centralized global exception handler for consistent API error responses
- Implemented secure, stateless authentication and role-based authorization using Spring Security and JWT
- Used Swagger/OpenAPI for interactive API documentation and Postman for endpoint testing and edge-case validation

Food Ordering Platform (Full-Stack)

Apr 2026 (1 Month)

Platform: JavaScript, ReactJS, MySQL | Stack: ReactJS, JavaScript, REST API, MySQL 8, HTML, CSS, GitHub

Project Repository: [GitHub – Food Ordering Platform](#)

- Developed a responsive online food ordering web application using ReactJS, allowing users to browse food items, place orders, manage bookings, and track order details
- Implemented user-friendly UI components and integrated backend REST APIs with a MySQL 8 database for smooth, reliable data handling
- Added admin functionality, booking management, and cancellation options to support end-to-end order lifecycle management

INTERNSHIPS

Java Development Intern — Oasis Infobyte

Sep 2023 – Oct 2023 (1 Month)

Project Repository: [GitHub – OmakarGiakwad96](#)

- Completed a 1-month remote internship in Java Development, building practical programming skills through hands-on tasks and projects
- Received positive remarks for code quality and consistent, dedicated performance throughout the internship

Python Programming Intern — InternPe (Remote)

06 Mar 2023 – 02 Apr 2023

- Worked as a Python Programming intern, completing assigned tasks with a professional attitude and strong grasp of the domain
- Recognized by the organization for sincere, dedicated contribution during the internship period

EXPERIENCE

Production Engineer — Repute Engineers Pvt. Ltd., Pune

Jul 2024 – Dec 2025

- Coordinated daily across design, quality, and procurement teams — experience directly transferable to collaborating with developers and cross-functional teams in a fast-paced engineering environment
- Supervised end-to-end production workflows, building process-thinking and attention-to-detail applicable to debugging and QA
- Implemented lean process improvements that reduced material wastage and improved throughput, reflecting a data-driven, efficiency-focused approach to problem solving

CERTIFICATIONS

PG Diploma in Advanced Computing (PG-DAC) | C-DAC ACTS, Pune

Feb 2026 – Jul 2026

Full name: C-DAC's Advanced Computing Training School (ACTS), Pune | Authorized Training Centre (ATC): Sunbeam Institute of Information Technology, Karad

- Completed a 900-hour full-time Post Graduate Diploma covering C++ Programming, Web-based Java Programming, Database Technologies, Microsoft .NET Technologies, Web Programming Technologies, Algorithms & Data Structures (using Java), Object-Oriented Programming with Java, Concepts of Operating Systems & Software Development Methodologies, Project work, and General Aptitude & Communication
- Examined and found proficient in all modules; conferred PG Diploma in Advanced Computing with 68.10%

PreCAT – Preparatory Course for Entrance Exam | SunBeam Infotech Pvt. Ltd., Pune

Apr 2025 – Jul 2025

- Completed comprehensive training in Computer Fundamentals & Networking, Operating Systems, C Programming, Data Structures, and C++ OOP concepts
- Covered Computer Architecture, General Aptitude, Digital Electronics, Microprocessors, Big Data, and Artificial Intelligence fundamentals
- Strengthened programming, problem-solving, logical reasoning, and computer science fundamentals through structured entrance-exam preparation

EDUCATION

- **PG-Diploma in Advanced Computing (PG-DAC) — 68.10%** | Sunbeam Institute of Information Technology, Karad | Feb 2026 – Jul 2026
- **B.E. in Mechanical Engineering — 62.10%** | Dr. D. Y. Patil Institute of Engineering Management and Research, Akurdi, Pune (SPPU) | 2020 – 2024
- **HSC (XII) — 74.00%** | Shri Tripura Junior Science College, Latur (Maharashtra State Board) | 2017 – 2020
- **SSC (X) — 77.00%** | Saneguruji Primary & Secondary High School, Latur (Maharashtra State Board) | 2016 – 2017

OTHER INFORMATION

Languages Known: Marathi, Hindi, English

Hobbies: Cricket, Swimming