

ATHARVA SHARMA

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 LinkedIn

 GitHub

PROFESSIONAL SUMMARY

Entry-level **Software Engineer** with strong foundations in **C++17, Java 17, and Object-Oriented Programming**.

Experienced in developing, debugging, and testing **client-side and server-side components**. Familiar with **Agile methodologies, defect resolution, root cause analysis (RCA), automated testing, and performance optimization**. Passionate about building reliable, scalable, and high-quality SaaS products.

TECHNICAL SKILLS

Programming Languages: C++ (C++17), Java (Java 17), JavaScript, TypeScript, Python

Software Engineering: Object-Oriented Programming, Data Structures, Design Patterns, Debugging, Performance Optimization

Systems & Architecture: Client & Server-side Components, Event-driven Architecture (Basic), Distributed Systems Fundamentals

Databases: Relational Databases, SQL Queries, Basic Non-Relational Databases

Development Practices: Coding Standards, Unit Testing, Automated Testing, Defect Resolution, Root Cause Analysis (RCA)

Tools & Platforms: Git, GitHub, CI/CD Basics, Log Analysis, Agile Methodologies

Cloud & SaaS: SaaS Architecture Concepts, Public Cloud Basics (AWS, GCP, Azure)

PROJECTS & ENGINEERING EXPERIENCE

- **C++ Software Module Development**

Client & Server-side Engineering

- Developed and maintained scalable software modules using **C++17** and object-oriented design
- Investigated and resolved defects using debugging tools, logs, and stack traces
- Performed root cause analysis (RCA) and implemented well-tested fixes

- **Java-Based Data Processing System**

Java 17, SQL

- Implemented data processing and validation logic using **Java 17**
- Worked with relational databases and SQL queries to ensure data correctness
- Applied error handling and logging to improve system reliability

- **Bug Fixing & Defect Resolution**

Debugging, Testing

- Analyzed product logs, crash traces, and runtime errors
- Triaged and resolved well-defined work items with guidance
- Documented steps-to-reproduce, RCA findings, and fix explanations

- **Automation & Testing**

Automated Testing

- Created automated test cases to validate new features and bug fixes
- Reduced regression issues by validating fixes across test scenarios

- Ensured compliance with software engineering best practices

INTERNSHIP EXPERIENCE

- **Front-End Developer Intern**

Cognifyz Technologies (Remote)

Mar 2025 – May 2025

- Developed and maintained production-ready software components
- Debugged and fixed defects following structured troubleshooting practices
- Collaborated with cross-functional teams in an **Agile** development environment
- Provided regular status updates and documented work items

EDUCATION

- **Bachelor of Computer Application (BCA)**

PSIT College of Higher Education, Kanpur

2024 – 2027