

HEMANT DESALE

Software Developer | Java, AI/ML, DevOps

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PROFILE SUMMARY

Software Engineer skilled in Java, C#, and cloud-native development, with hands-on experience in AI/ML integration (ONNX, Windows ML) and building scalable enterprise applications using Spring Boot, Azure, and DevOps practices.

EDUCATION

SVKM's Institute of Technology <i>Master of Computer Applications (MCA) — CGPA : 7.59</i>	Dhule, Maharashtra Aug 2023 – Nov 2025
SSVPS's Science College <i>Bachelor of Computer Science (B.Sc.) — CGPA : 8.95</i>	Dhule, Maharashtra Apr 2020 – Jun 2023

PROJECTS

Windows Local Agentic Semantic Search Platform C#, C++, Python, ONNX, Win ML <ul style="list-style-type: none">Built a Windows-native agentic semantic search engine using ONNX Runtime, enabling fast, privacy-preserving local file discovery.Implemented hybrid keyword/vector search with sense-reason-plan-act workflows for intelligent queries.Optimized local inference and added telemetry to improve performance, reliability, and diagnostics.Developed a user-friendly UI with syntax highlighting and error reporting.	Oct 2025 – Present
Smart E-Commerce System with AI Java, Spring Boot, REST APIs, MySQL, AI/ML <ul style="list-style-type: none">Developed a cross-platform e-commerce system integrating web, Android, and desktop applications.Implemented AI-driven product recommendations and optimized search using ML models.Designed secure REST APIs with JWT authentication and payment gateway integration.Enabled real-time synchronization across platforms using efficient DSA techniques.	Jul 2025 – Sep 2025
AI-powered Social Media Platform Spring Boot, Android, REST APIs <ul style="list-style-type: none">Developed a cross-platform social networking system enabling secure communication and AI-based friend suggestions.Integrated web and mobile applications for seamless interaction.Implemented Graph Algorithms for friend recommendations and cloud-based media storage.Secured user data using OAuth 2.0 and end-to-end encryption.	Mar 2024 – Aug 2024

TECHNICAL SKILLS

Programming Languages: Java, Python, C/C++, C#, SQL, JavaScript, HTML/CSS
Frameworks: Spring Boot, Spring MVC, Spring Security, Hibernate, .NET, React.js
Cloud & DevOps: Microsoft Azure, AWS, Microservices, REST APIs, Cloud Deployment, Maven, Gradle, Git, Jenkins, Docker, Kubernetes, CI/CD
Testing & APIs: JUnit, Postman (API Testing), JSON, Swagger
AI/ML Deployment: ONNX Runtime, Windows ML
Developer Tools: IntelliJ IDEA, VS Code, Eclipse (familiar with Android Studio, PyCharm)
Other: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Software Development Life Cycle (SDLC), Agile Methodologies Problem-Solving, Team Collaboration

ACHIEVEMENTS/CERTIFICATIONS

- Full Stack Java Development (Symbiosis & Capgemini)** Jun - 2025
Completed a 3-month certification program by Symbiosis Skills and Professional University's Digital Academy, focusing on full-stack Java development under the Symbiosis Open Education Society.
- Data Structure and Algorithm Using Java (LearnYard)** Jun - 2024
Completed a 6-month comprehensive course covering Java-based data structures and algorithms from basic to advanced concepts.
- Code-O-Thon Competition (TechnoCave)** May - 2024
Participated in a competitive coding event, demonstrating strong problem-solving and algorithmic expertise.