

ARSHPREET SINGH

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PROFESSIONAL SUMMARY

Software Developer with experience building and maintaining scalable applications, REST APIs, and backend systems. Strong foundation in Java, full-stack development, and software engineering best practices including testing, debugging, and code quality. Experienced in Agile environments, collaborating with cross-functional teams, and delivering reliable solutions aligned with business needs.

TECHNICAL SKILLS

- Languages: Java, Python, JavaScript, TypeScript, SQL
 - Frameworks: Spring Boot, Node.js, React.js, Next.js
 - Backend: REST APIs, Microservices, API Integration, Authentication
 - Frontend: React.js, Responsive UI, Component Design
 - Databases: MySQL, PostgreSQL, MongoDB
 - Testing: JUnit, PyTest, Unit & Integration Testing
 - DevOps & Tools: AWS (EC2, S3), Docker, CI/CD, Git, GitHub Actions
 - Practices: Agile/Scrum, SDLC, Code Reviews, Debugging, Incident Support
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PROFESSIONAL EXPERIENCE

She Can Do I.T., Ottawa, ON

Software Developer

Sep 2024 – Jan 2025

- Developed and enhanced RESTful APIs using Java and Spring Boot, improving application performance by ~25%
- Implemented new features and performed unit and integration testing to ensure high-quality code delivery
- Participated in code reviews and debugging, reducing production defects by ~20%
- Collaborated with cross-functional teams to analyze requirements and deliver scalable solutions
- Supported bug fixes and small enhancements, ensuring timely resolution of issues

Projects

Full-Stack Scalable Application

- Built a full-stack application using React and Node.js aligned with business requirements
- Designed REST APIs and optimized database queries improving performance by ~30%
- Implemented authentication and handled data securely and efficiently

Distributed Microservices Platform

- Developed microservices using Java and Spring Boot for scalable backend systems
- Designed APIs and handled inter-service communication with focus on reliability
- Applied testing and debugging practices to ensure stable deployments

AI-Powered Workflow Assistant

- Built an application integrating LLM APIs for workflow automation
 - Applied prompt engineering and modular design for improved output quality
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SOFT SKILLS

- Strong problem-solving and debugging skills
- Experience working in Agile teams and delivering within deadlines
- Ability to manage multiple tasks and prioritize effectively
- Strong communication and collaboration skills
- Quick learner with focus on continuous improvement

EDUCATION & CERTIFICATIONS

Algonquin College

New Graduate Computer Programming (2025)

Dean's Honour List (GPA: 3.7)

May 2023- Jan 2025

- **Core Courses:** Data Structures, Algorithms, Cloud Computing, Distributed Systems, Machine Learning, Database Design, Networking, Operating Systems
- **Certifications:**
 - AWS – Introduction to Cloud 101
 - React – The Complete Guide (Udemy), 2024
 - The Aspire Leadership Program 2025
 - Agile Foundation 2024

REFERENCES

Available upon request