

## Contact

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## Top Skills

Broadridge  
R (Programming Language)  
Artificial Neural Networks

## Certifications

Hexawise Foundations  
AWS Certified Cloud Practitioner  
AWS Certified Solutions Architect  
Learning Jenkins  
Excel: Charts in Depth

# Prabhnoor Singh

SDE @ RBC | Java • Broadridge • AI/ML • AWS (2x certified) | Ex-BlackBerry SDE Intern  
Greater Toronto Area, Canada

## Summary

Software Developer with a passion for building and testing scalable web applications, optimizing cloud infrastructure, and implementing efficient and creative solutions to high-performance systems.

I am dedicated to advancing my knowledge in computer science through hands-on experience and continuous learning. With a strong foundation in Java and Python, I bring a problem-solving mindset and a commitment to innovation, aiming to make impactful contributions in dynamic and challenging environments.

## Experience

### RBC

Software Engineer  
January 2025 - Present (1 year)  
Toronto, Ontario, Canada

- Developed AI-driven workflow automations using GitHub Copilot, prompt engineering, and LLMs, as per business requirements to streamline operations, accelerating feature delivery by 75%.
- Deployed workflow-driven datasets on internal servers, and improving cross-team efficiency by 50%.
- Documented automation workflows in Confluence, streamlining onboarding and knowledge sharing among teams.

### BlackBerry

Software Developer  
May 2024 - December 2024 (8 months)  
Waterloo, Ontario, Canada

- Developed Python automation to migrate 10k+ SoapUI test cases into a Groovy-based REST API framework, enhancing scalability and eliminating \$30k in licensing costs.
- Refactored legacy SeeTest automation into a modular Appium + TestNG framework using custom Groovy libraries.

- Built a Jenkins pipeline to trigger nightly suites and auto-publish concise test reports via AWS Device Farm.

Amdocs

Associate Software Engineer

August 2022 - March 2023 (8 months)

Gurugram, Haryana, India

- Built scalable Spring Boot microservices on PostgreSQL, boosting performance by 30% through advanced indexing, query caching, and HikariCP connection pooling.
- Authored JUnit and RestAssured tests, lifting code coverage to 95% and reducing post-release defects by 40%.
- Implemented Git-triggered Jenkins/Docker automated CI/CD pipeline, running regression suites with each commit.

Kalam Solutions

Frontend Developer

May 2022 - August 2022 (4 months)

Jaipur, India

- Developed and enhanced an Ed-tech platform using React.js and Node.js to create a dynamic user interface and improve integration with MongoDB and backend services, enhancing overall user experience.
- Optimized the MVC architecture to improve data flow efficiency, supporting future scalability as platform usage grew.

Photoshooto

Data Analytics Intern

May 2022 - July 2022 (3 months)

India

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## Education

University of Windsor

Masters of Applied Computing · (May 2023 - December 2024)

Guru Nanak Dev University, Amritsar

Bachelor of Technology - BTech, Computer Science · (July 2018 - May 2022)