

# Neha Dadarwala

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Toronto, ON

## SUMMARY

Full Stack Developer with expertise in modernizing applications using React, Next.js, and JavaScript frameworks. Delivers scalable web solutions and automates CI/CD pipelines with AWS, Docker, and Spring Boot. Focused on solving challenges and creating valuable user experiences.

## TECHNICAL SKILLS

- |          |              |                |               |
|----------|--------------|----------------|---------------|
| • React  | • Java       | • PostgreSQL   | • Maven       |
| • AWS    | • Angular    | • Agile        | • Github      |
| • NextJS | • JavaScript | • GCP          | • TypeScript  |
| • CI/CD  | • Python     | • Tailwind CSS | • NodeJS      |
| • Jest   | • HTML/CSS   | • Jenkins      | • RESTful API |
| • Docker | • MySQL      | • Cursor       | • Kafka       |

## EXPERIENCE

### Full Stack Developer

Apr 2025 - Present

*National Bank of Canada*

- Migrating legacy systems to WebSphere; integrated Angular frontend with Spring Boot backend and PostgreSQL
- Managing source control and code reviews using GitHub, enabling automated quality checks, and streamlined flow
- Automating CI/CD using Jenkins to streamline releases and enhance reliability
- Managing secure, scalable AWS infrastructure supporting 500K+ monthly users with 99.99% uptime
- Designing Kafka-based backend to handle over 1M WebSocket requests daily
- Improving performance using Redis and Elasticsearch, reducing query latency by 70%
- Documenting architectures, REST API, and deployment processes for onboarding and knowledge transfer
- Leveraging GitHub Copilot to boost code quality and development speed

### IT Developer

Sep 2023 - Mar 2025

*Canada Revenue Agency*

- Collaborated with a cross-functional Agile team, estimating story points in JIRA to improve sprint planning
- Migrated 4 Java Swing modules to Angular with RxJS, reducing data-load times by 35% and frontend errors by 40%
- Created 15 reusable TypeScript components and utilities, eliminating 25% of duplicated code
- Translated 50+ Figma screens into a responsive Angular Material UI, achieving WCAG 2.1 AA
- Led 6 knowledge-sharing sessions on performance, SSR, and accessibility in Angular
- Optimized builds with Webpack, using code splitting and lazy loading to reduce initial load times by 25%
- Conducted 70+ code reviews and resolved complex troubleshooting issues
- Automated cross-browser Playwright tests covering 80 % of user flows, catching 95% of regressions pre-release
- Engineered a multithreaded Node.js backend and RESTful Java APIs, handling 10K concurrent users
- Mentored 4 junior developers through weekly code reviews and 1:1s, lifting team velocity by 25%
- Participated in 20+ client demos, incorporating feedback into iterative improvements

### Software Developer

Oct 2020 - Jun 2022

*Tata Consultancy Services*

- Enhanced SaaS microservices performance by 20% through optimized queries using Hibernate and Spring Boot
- Improved React UI with Tailwind CSS and Redux, cutting render time by 30% on inventory screens
- Built CI/CD using AWS CodePipeline, reducing deployment time by 35% and rollback incidents by 15%
- Architected distributed microservices on RDS PostgreSQL, achieving 10K TPS with <1% error rate
- Implemented an A/B deployment strategy across 10+ features
- Increased test coverage to 85% using Jest and JUnit (backend), enforcing fail-on-coverage gates via SonarQube
- Containerized services with Docker and deployed on Kubernetes, achieving 99.9% uptime over 6 months
- Documented 12 REST APIs with Swagger and validated them via Postman, ensuring 100% endpoint reliability

<b>Software Developer Intern</b> <i>IIT Mandi</i> <ul style="list-style-type: none"><li>Developed AI models for predicting 30 bird species in Python, leveraging machine learning(ML) libraries (NumPy, Matplotlib, Pandas, TensorFlow) and creating a synthetic audio using Audio Generative Adversarial Network</li><li>Used Google Analytics to identify performance bottlenecks, cutting load times by 20 %</li><li>Deployed scalable REST APIs on GCP Cloud Run with Firestore for real-time data</li><li>Worked with Apache Kafka to implement event-driven architectures, enabling real-time data processing</li></ul>	<b>Sep 2019 - Jul 2020</b>
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EDUCATION

<b>Master of Applied Computer Science</b> <i>Dalhousie University</i>	<b>Sep 2022 - Dec 2023</b>
<b>Bachelor of Computer Engineering</b> <i>Gujarat Technological University</i>	<b>Aug 2016 - Aug 2020</b>

CERTIFICATIONS

<b>AWS Certified Developer - Associate</b> <a href="#">View</a> <i>Amazon Web Services</i>	<b>Jun 2025</b>
<b>Generative AI Fundamentals</b> <a href="#">View</a> <i>DataBricks</i>	<b>Mar 2025</b>

PROJECTS

<b>University Search</b> <a href="#">Code</a> <i>NextJs, TypeScript, TailwindCSS, Docker</i>	<b>Apr 2025</b>
<b>Food for All</b> <a href="#">Code</a> <i>Python, React, AWS, CloudFormation, API Gateway, DynamoDB</i>	<b>Apr 2023</b>
<b>Sparkle</b> <a href="#">Code</a> <i>MongoDB, Express, React, Node.js, GitLab</i>	<b>Jun 2022</b>
<b>Student Deck</b> <a href="#">Code</a> <i>Java, Spring Boot</i>	<b>Jun 2022</b>