

Neha Dadarwala

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Toronto, ON

SUMMARY

Full Stack Developer with expertise in modernizing applications using TypeScript, Angular, and React. Delivered scalable web solutions and automated CI/CD pipelines with AWS, Docker, and Spring Boot. Focused on solving challenges and creating valuable user experiences. Interact with my Resume: <https://resume-ai-bot.vercel.app>

TECHNICAL SKILLS

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|-----------|--------------|---------------|---------------|
| • React | • Java | • PostgreSQL | • GitHub |
| • AWS | • Angular | • Agile | • TypeScript |
| • Next.js | • JavaScript | • GCP | • Kubernetes |
| • Django | • Python | • TailwindCSS | • Node.js |
| • Jest | • HTML/CSS | • Jenkins | • RESTful API |
| • Docker | • SQL/NoSQL | • Cursor | • Kafka |

EXPERIENCE

Full Stack Developer

Apr 2025 - Present

National Bank of Canada

- Leveraging GitHub Copilot to boost code quality and development speed in Angular(TypeScript) projects
- 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, Elasticsearch, and OAuth-secured APIs, reducing query latency by 70%
- Documenting architectures, REST API, and deployment processes for onboarding and knowledge transfer

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

Software Developer

Oct 2020 - Jun 2022

Tata Consultancy Services

- Improved React(JavaScript) 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%
- Enhanced microservices performance by 20% through optimized queries using Hibernate, Java-based Spring Boot
- Architected distributed system on RDS PostgreSQL, achieving 10K TPS with <1% error rate
- Delivered features with pragmatic, tested, and maintainable code designed for extensibility to 3+ projects
- Increased test coverage to 85% using Jest and JUnit(backend), enforcing fail-on-coverage gates via SonarQube
- Implemented an A/B testing and canary deployment strategy using feature flagging across 10+ features
- 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

Software Developer Intern <i>IIT Mandi</i> <ul style="list-style-type: none">Developed AI models to accurately classify 30 bird species using Python, TensorFlow, and ML librariesGenerated 100+ synthetic bird audio samples with Audio GANs to enhance training dataImproved bird species identification accuracy by 15% through advanced data augmentation and model tuningUsed Google Analytics to identify performance bottlenecks, cutting load times by 20 %Deployed scalable REST APIs on GCP Cloud Run with Firestore for real-time data	Sep 2019 - Jul 2020
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EDUCATION

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

CERTIFICATIONS

AWS Certified Developer - Associate View <i>Amazon Web Services</i>	Jun 2025
Generative AI Fundamentals View <i>DataBricks</i>	Mar 2025

PROJECTS

Resume Chatbot Code Try Me <i>Vercel AI SDK, Cohere, React, TypeScript, TailwindCSS</i>	Apr 2025
University Search Code <i>Nextjs, TypeScript, TailwindCSS, Docker</i>	Apr 2025
Food for All Code <i>Python, React, AWS, CloudFormation, API Gateway, DynamoDB</i>	Apr 2023
Sparkle Code <i>MongoDB, Express, React, Node.js, GitLab</i>	Jun 2022
Student Deck Code <i>Java, Spring Boot</i>	Jun 2022