

Nadia akter

Harris park drive , Toronto, ON - 437 422 1810 - nadia780akter@gmail.com - www.linkedin.com/in/nadia-akter-8692142a3

Summary

Recent graduate of **Advanced Diploma in Software Engineering Technology Co-op** with strong expertise in software development, web and mobile application development, and IT support. Skilled in programming languages including Java, Python, C#, Kotlin, JavaScript, and TypeScript, with hands-on experience in frameworks such as React.js, Spring Boot, Node.js, and Android Studio. Experienced in full-stack development, cloud deployment (AWS, Azure), DevOps practices, and data analysis using tools like Pandas, Power BI, and Tableau.

Proactive and detail-oriented, with a track record of completing real-world projects including portfolio websites, mobile apps, web applications, AI-powered tools, and predictive data models. Adept at Agile methodologies, software testing, and delivering high-quality solutions. Strong interpersonal and communication skills, with experience in professional environments, customer service, and collaborative team projects.

Motivated to contribute technical expertise and problem-solving skills to a dynamic software development or IT team while continuing to grow and learn in a professional setting.

Education

Advanced Diploma in Software Engineering Technology Co-op

January, 2023 – April, 2025

Centennial College, Toronto, Ontario, Canada.

- GPA: 3.392 (Cumulative)
- Courses: **Programming 1, Web Interface Design, Software Engineering Fundamentals, Functions & Number Systems, Programming 2, Discrete Mathematics, College Communications 1 (ESL), Introduction to Database Concepts, Client-Side Web Development, Software Requirements Engineering, Unix/Linux Operating Systems, Advanced Database Concepts, Java Programming, Web Application Development, Software Systems Design, Advanced Business Communications, Programming 3, Software Testing & Quality Assurance, Linear Algebra & Statistics, Networking for Software Developers, Mobile Application Development, Data Structures and Algorithms, Software Development Project 1, Business & Entrepreneurship - SET, Enterprise Application Development, API Engineering & Cloud Computing, Software Security, Data Warehousing & Predictive Analytics, IT Project Management, Emerging Technologies, Software Project 2, Enterprise Systems Integration, DevOps Implementation, Employment Skills II, ILP: Leadership/Contemporary Workplaces.**

Skills

Programming Languages

Java, C#, Kotlin, Python, TypeScript, R, JavaScript, OOP

Web Development

HTML, CSS, JavaScript, Tailwind Css , jQuery, React.js, Next.js, [Node.js](#), Bootstrap, Responsive Design, User Interface Design,

UX Design, Front-End Development

Software Engineering & AI

AI Software Development, Agile Methodologies, SDLC ,Software Design, Requirements Engineering, UML, Software Project Management ,REST

API Design, Microservices Architecture, Jest

Database Management

SQL, MongoDB, Microsoft SQL Server, Oracle, PostgreSQL, Firebase, NoSQL

Mobile Development

Android Studio, Kotlin, Flutter, Advanced UI/UX Design

Software Testing & QA

Test Automation, Quality Assurance, Unit Testing, Integration Testing ,Selenium, Jest, Software Testing Tools

Networking & IT Support

Network Protocols, Socket Programming, Client-Server Applications , Network Administration, Technical Support, Help Desk Support, IT Service

Desk Operations ,Troubleshooting, Active Directory, Windows/Linux Administration ,CompTIA IT Fundamentals (FC0-U61)

Cloud & DevOps

AWS (S3, DynamoDB), Azure DevOps, Docker, Jenkins, CI/CD ,Git, GitHub Actions, Cloud Deployment, Vercel, Camunda (Workflow Orchestration)

Data Analysis & Visualization

Microsoft Excel, Google Sheets, Tableau, Power BI, Pandas, NumPy, Matplotlib, Seaborn ,Data Cleaning, Data Analysis, Predictive Analytics, Data Visualization

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CRM & Office Administration

Customer Relationship Management (CRM), Administrative Assistance, Office Administration ,Microsoft Word, Excel, PowerPoint, Teams ,Google Docs, Sheets, Chat, Meet ,Jira, Slack

Professional & Career Development

Career Path Planning, Problem Solving & Troubleshooting, Customer Service, Agile Software Development, Data Science, Time Management

Core Competencies & Attributes

Organization, Multitasking, Communication, Interpersonal Skills ,Attention to Detail, Teamwork, Dependability, Positive Attitude , Adaptability, Critical Thinking

Development Tools

Eclipse, IntelliJ IDEA, Android Studio, Visual studio code , Visual studio.

Work Experience

Web Developer (Internship) – BonniePet, Remote (Toronto, ON)

(Jan 2025 – Present)

- Developed and enhanced the BonniePet website using Vite, JavaScript, Tailwind CSS, and modern frontend tools.
- Built responsive and visually appealing web pages with HTML5, CSS3, and Tailwind CSS.
- Implemented interactive features and dynamic content for smooth user experience.
- Collaborated with the team to optimize website functionality, accessibility, and performance.
- Used Git/GitHub for version control and project management.
- Tested and debugged frontend code to ensure cross-browser compatibility.

Co-op Student – LinkedIn & Web Management Assistant – Career Advisory Canada (Remote)

(Nov 2022 – Sep 2025)

- Managed LinkedIn content and responded to client messages and inquiries promptly.
- Coordinated webinars and updated website content to improve user experience.
- Developed templates and resources to enhance client communication and engagement.
- Reviewed and provided feedback on resumes to support client career development

Digital Marketing Intern – Acadium (Remote)

(Jul 2025 – Present)

- Completed diverse microtasks including branded art, logo creation, LinkedIn banners, and keyword research.
- Designed marketing materials and created artist branding toolkits.
- Supported video marketing campaigns and gained experience in brand strategy.

IT & Software Support – Academic & Freelance Projects

(Jan 2022 – Present)

- Provided troubleshooting for software, OS, and hardware issues for peers and clients.
- Assisted in software installation, upgrades, and configuration.
- Maintained documentation for recurring issues to improve support efficiency.
- Supported end-users in system access and account management.

Other Work Experience

Crew Member – McDonald's, Scarborough, ON

(Nov 2022 – August 2025)

- Delivered excellent customer service in a fast-paced environment, handling 200+ transactions daily.
- Assisted customers with inquiries, complaints, and order modifications.
- Processed cash, card, and digital payments accurately.
- Trained new employees and maintained workflow efficiency.

Call Center Customer Service Representative – Saudi Arabia (International Experience)

(Jan 2020 - Dec 2021)

- Handled inbound calls, resolved inquiries, and provided accurate information.
- Maintained CRM records and ensured timely follow-up of requests.
- Met service level and quality targets while managing high-volume calls.
- Supported training and workflow of new staff

Office Assistant / Co-op – Abdullah Khaled Al Hamra General Contracting, Saudi Arabia

(Jan 2018 – Dec 2020)

- Performed administrative tasks, scheduled appointments, and maintained correspondence.
- Managed spreadsheets, tracked project data, and supported internal reporting.

Sales Associate – Abqaiq Mall, Saudi Arabia

(Jan 2018 – Dec 2020)

- Assisted customers with product selection, transactions, and inquiries.
- Resolved complaints efficiently while ensuring high customer satisfaction

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Pricate Tutor – Bangladesh International School, Dammam, Saudi Arabia

(Jan 2017 – Sep 2022)

- Delivered one-on-one tutoring in Physics, Chemistry, and Mathematics.
- Helped students improve academic performance and study techniques.

Job Simulations & Virtual Experience

Hewlett Packard Enterprise Software Engineering Job Simulation – Forage

(Sep 2025)

- Wrote a proposal for a RESTful web service to manage employee data.
- Built a Spring Boot web server handling HTTP requests and JSON uploads.
- Developed and ran unit tests with JUnit & Mockito to evaluate application performance.
- Skills Learned:** RESTful Web Development, Spring Boot, JUnit, Mockito, JSON, HTTP Requests.

Boston Consulting Group (BCG) Data Science Job Simulation – Forage

(Sep 2025)

- Conducted customer churn analysis using Python (Pandas, NumPy).
- Designed a random forest model achieving 50% recall for churn prediction.
- Delivered executive summary with actionable insights for client strategy.
- Skills Learned:** Data Analysis, EDA, Data Visualization, Machine Learning, Client Communication.

Certificates

Technical & IT

- CompTIA IT Fundamentals (FC0-U61) Cert Prep 1: Computer Basics, Hardware, and Operating Systems – LinkedIn (Jul 2025)
- IT Help Desk for Beginners – LinkedIn (Jul 2025)
- Windows 11 for IT Support: Troubleshooting Basics – LinkedIn (Aug 2025)
- Python Object-Oriented Programming – LinkedIn (Aug 2025)
- Software Development Life Cycle (SDLC) – LinkedIn (Aug 2025)
- Agile Software Development – LinkedIn (Aug 2025)
- Angular Essential Training – LinkedIn (Aug 2025)
- Deploying Java Applications to AWS – LinkedIn (Aug 2025)
- Google Cloud Foundation – LinkedIn (Aug 2025)
- Introduction to Gemini for Google Workspace – LinkedIn (Aug 2025)

Web Development & UX

- HTML & CSS: Creating Forms – LinkedIn (Aug 2025)
- UX Design: Overview – LinkedIn (Aug 2025)
- A Standalone Project: Create a Website for Online Burger Orders Using React.js – SkillUp Online via LinkedIn (Aug 2025)

Data & Analytics

- Everybody's Introduction to Tableau – LinkedIn (Aug 2025)
- Microsoft Power BI Data Analyst Associate (PL-300) Cert Prep – LinkedIn (Aug 2025)
- Learning Excel: Data Analysis – LinkedIn (Aug 2025)
- The Non-Technical Skills of Effective Data Scientists – LinkedIn (Jul 2025)

Professional & Career Skills

- Career Essentials in Software Development – Microsoft & LinkedIn (Aug 2025)
- Introduction to Career Skills in Software Development – LinkedIn (Aug 2025)
- Software Development Roles in the AI Era – LinkedIn (Jul 2025)
- CRM Basics: Unlock Business Growth Through Relationships – LinkedIn (Jul 2025)
- Administrative Professional Foundations – LinkedIn (Jul 2025)
- Admin Essentials for Smart Office Management – LinkedIn (Jul 2025)
- Customer Service: Problem-Solving and Troubleshooting – LinkedIn (Jul 2025)

Leadership & Workplace Training

- Building a Safe, Respectful, and Inclusive Workplace for Crew – Hamburger University Online (Mar 2024)
- Workplace Violence Prevention (Crew) – Hamburger University Online (Mar 2024)

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-Impact Mentoring (Mentor/Mentee) – Ten Thousand Coffees (Aug 2025)

-Ten Thousand Coffees Member – Ten Thousand Coffees (Mar 2025 – Mar 2026)

Projects (academic)

Personal Portfolio Website – React.js, Tailwind CSS, Vite

- Designed and developed a responsive personal portfolio website showcasing projects, skills, and certifications.
- Implemented interactive sidebar navigation, animated skills section with icons, and reusable project cards using React.js.
- Styled the frontend with Tailwind CSS for modern UI/UX and ensured full mobile responsiveness.
- Configured Vite for fast builds and optimized performance, preparing deployment pipelines for GitHub Pages, Vercel, and Netlify.
- Live Site: [Portfolio Website](#)

AI Article Summarizer – JavaScript, Gemini API

- Built a web-based tool that summarizes long articles into concise, structured summaries using Google Gemini API.
- Integrated API calls with error handling for reliable performance and responsive design for accessibility.
- Delivered summaries with clear formatting, clickable links, and improved readability for end-users.
- Demonstrated practical application of AI integration in web development.

Realistic Calculator – HTML, CSS, JavaScript

- Developed a functional and visually realistic calculator with smooth button interactions and error handling.
- Applied JavaScript DOM manipulation to simulate real-world calculator behavior, including chained operations and clear/reset features.
- Deployed the app for public access on GitHub Pages.

Bug Smash Game – JavaScript, HTML5 Canvas

- Created an interactive 2D browser-based game focusing on event handling, collision detection, and animations.
- Used Canvas API to draw sprites, animate bugs, and manage game loop performance.
- Designed scoring and difficulty mechanics to enhance player engagement.
- Playable Demo: Bug Smash

Gym Management Web Application – React, Spring Boot, MySQL

- Developed a full-stack web platform for gym management with features such as trainer-client assignments, workout scheduling, and notifications.
- Built frontend UI with React for seamless navigation and forms, and backend REST APIs with Spring Boot for CRUD operations.
- Integrated MySQL database for secure data storage and user authentication.
- Applied software engineering principles and modular architecture for scalability.

Snake Frenzy – JavaScript, HTML5 Canvas, Responsive Design

- Recreated the classic Snake game with added twists, ensuring compatibility across desktop and mobile devices.
- Implemented keyboard and touch controls, smooth animations, and responsive scaling.
- Playable Demo: Snake Frenzy

Multithreaded Java Desktop App – Java, JDBC

- Designed and developed a form-based desktop application supporting multithreaded data processing.
- Integrated JDBC for database connectivity and implemented dynamic query execution.
- Enhanced UI responsiveness by running heavy tasks in parallel threads.

2D/3D Game Projects – Java, Unity

- Built multiple games to practice object-oriented programming, event handling, and animations.
- Explored both 2D and 3D environments in Unity, including character movement, collision, and score tracking.
- Showcased knowledge of game loops, physics engines, and UI design.

Doctor Appointment Mobile App – Android, Kotlin, Firebase

- Developed a mobile app allowing patients to book doctor appointments with real-time Firebase database updates.
- Implemented user authentication, secure login, and dynamic scheduling features.
- Designed user-friendly UI/UX layouts with Android Studio for smooth navigation.

Cloud-Based API Service – AWS S3, DynamoDB, Node.js

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- Designed and deployed RESTful APIs leveraging AWS S3 for file storage and DynamoDB for NoSQL data.
- Developed Node.js endpoints with input validation and error handling, tested using Postman.
- Deployed APIs securely on AWS, enabling scalable cloud integration.

Movie Listing and Booking App – AWS, Visual Studio Code

- Built a full-stack web application for browsing and booking movies.
- Implemented backend services for movie catalog management and booking workflows.
- Designed responsive UI with user-friendly forms and navigation.

Software Security Analysis – DVWA, XAMPP, Kali Linux

- Conducted hands-on security testing with Damn Vulnerable Web Application (DVWA).
- Performed attacks including SQL injection, command injection, and XSS to identify vulnerabilities.
- Documented exploits, mitigation strategies, and applied fixes aligned with OWASP guidelines.

Mobile Store Web App – React, [Node.js](#)

- Collaborated on group project to develop an e-commerce platform with product listings, shopping cart, and checkout functionality.
- Built frontend with React components and backend REST APIs with Node.js.
- Applied Agile methodology for teamwork and iterative development.

DevOps Pipeline Implementation – Jenkins, Git, Azure DevOps

- Configured CI/CD pipelines to automate testing, build, and deployment processes.
- Integrated Git version control and Azure DevOps for continuous integration and delivery.
- Ensured software quality with automated test runs and deployment workflows.

Library Management System – Spring WebFlux, MongoDB, Thymeleaf

Built a reactive library web application supporting CRUD operations for book records.
Used Spring WebFlux for asynchronous programming and MongoDB for NoSQL database storage.
Integrated Thymeleaf for form validation, template rendering, and modular design.

Iris Flower Prediction App – TensorFlow.js, React, [Express.js](#)

Developed full-stack application training a neural network on iris dataset using TensorFlow.js.
Exposed prediction API via Express.js backend and displayed real-time probabilities on React frontend.
Visualized ML predictions for users to interpret classification outcomes.

Camunda BPMN Automation – REST Connectors, Kafka Integration

Designed a BPMN workflow in Camunda Cloud to automate business processes.
Configured REST connectors to retrieve external company data and publish it to a Kafka topic.
Demonstrated orchestration of event-driven microservices in a cloud environment.