

# Firstname Lastname

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## SKILLS

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**Language:** Java | Python | JavaScript | HTML | CSS | Object-Oriented programming languages

**Frameworks:** Spring Boot | ReactJS | Express | NodeJS

**Database Management & Warehousing Technologies:** PostgreSQL | MySQL | MongoDB | DynamoDB | Big Data | Distributed computing | ETL

**Cloud Platforms:** familiar with Microsoft Azure | familiar with AWS familiar with GCP

**Development Tools:** Git | JIRA | Maven | Jenkins | Postman | Visual Studio Code | IntelliJ IDEA | Eclipse

**CI/CD:** AWS (CodeCommit, CodePipeline, CodeDeploy, ECR, ECS)

**API Architecture Styles:** REST | SOAP | WebSocket

**Testing:** Automation Testing | Unit Testing | End-to-end testing | Agile Testing

**Certifications:** AWS Certified Cloud Practitioner | Salesforce Certified Administrator | Artificial Intelligence: Reinforcement Learning in Python

## WORK EXPERIENCE

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### Full Stack Developer

Apr 2022 - Apr 2023

Company Corporation | Halifax, Nova Scotia

- Developed and maintained web UI components using **JavaScript**, **CSS**, **HTML**, and **React** framework, ensuring responsive, intuitive, and user-friendly interfaces.
- Crafted and sustained user interface components employing JavaScript, CSS, HTML, and the React framework, guaranteeing interfaces were responsive, intuitive, and accessible.
- Established solid server-side logic and **RESTful APIs** through **Node.js** and **Express.js**, facilitating a flawless connection with front-end systems.
- Utilized **PostgreSQL** to ensure effective data storage, access, and management across backend infrastructures.
- Architected and developed backend services using **Spring Boot**, enhancing data processing capabilities and supporting the execution of complex business logic.
- Showcased superior organizational abilities, adopting a forward-thinking approach, adept at multitasking and setting priorities.
- Employed **Git** for version control alongside **Jenkins** for the processes of continuous integration and continuous deployment (**CI/CD**), promoting efficient code management and the automation of software releases.

### Associate Software Developer

January 2022 – December 2022

Company Company | Location, Country

- Implemented **CI/CD** pipelines with **AWS CodePipeline** and **CodeBuild** to automate building, testing, and deploying cloud-based applications.
- Embedded **automated tests** within the CI/CD pipeline to conduct validations in staging and production settings, minimizing the likelihood of regressions and production problems prior to deployment.
- Incorporated **unit testing** into the CI/CD process, streamlining the testing phase and fostering quick feedback mechanisms for developers to identify and rectify issues at an early stage.
- Exhibited exceptional skills in identifying and resolving **full-stack** issues, thereby ensuring the application's unmatched stability and dependability.
- Worked in close cooperation with team members following **agile development** practices, taking an active role in sprint planning, daily stand-up meetings, and retrospective sessions.

### Full Stack Developer

August 2021 – December 2021

Product Company Ltd. | Tokyo, Japan

- Participated in the development of an E-Commerce website using **React**, which led to a 15% boost in user interaction and a 20% reduction in the rate of early exits within the initial three months post-launch.
- Engineered **RESTful APIs** using **Spring Boot** to support E-commerce operations such as managing the product catalog, shopping cart features, and processing orders.
- Implemented ongoing **code optimizations** as a part of maintenance efforts, achieving a 25% decrease in technical debt.
- Performed consistent unit testing with **Spring Boot** to identify and fix backend problems early in the development process, facilitating smoother progression of the project.

## Student Intern

January 2021 – July 2021

### Acme Technologies | Gujarat, India

- Executed a comprehensive **full-stack** project during training, showcasing skill in constructing durable Data, Business, and Presentation layers while embedding rigorous quality assurance practices throughout the project's development phases.
- Employed **Java** and **PostgreSQL** for the project's development, focusing on optimizing database architecture and backend operations.
- Applied sophisticated security frameworks and quality assurance strategies, guaranteeing the reliability and high performance of the application.
- Underwent **Salesforce** training within the Customer Experience Team, bolstering advanced analytical abilities for tackling intricate and imaginative problem-solving tasks.

## PROJECTS

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### Sentiment Analysis System using AWS Services

[GitHub Link](#)

#### MACS - Advanced Cloud Computing Course (November - December 2023)

- Created a sentiment analysis web application leveraging React, JavaScript, CSS, and AWS technologies including **EC2**, **Lambda**, **API Gateway**, and **Amazon Textract**, ensuring a scalable and robust framework.
- Utilized Amazon Textract for the extraction of text from images, enhancing the application with the capability to assess the sentiment of textual content within images.
- Established a CI/CD process with **AWS CodeBuild** and **CodePipeline**, facilitating the deployment of the application as a static website upon any code update.
- Employed Python for **backend** development, culminating in an effective sentiment analysis tool.

### Light-weight DBMS using Java

[GitHub Link](#)

#### MACS - Database Management and Warehousing Analytics Course (June - July 2023)

- Crafted a sturdy prototype for a database management system using **Java**, complete with a console application that simplifies **SQL** query execution and database interaction.
- Introduced two-factor authentication for new user registrations, bolstering security measures through password hashing with the MD5 algorithm.
- Executed fundamental SQL commands (CREATE, SELECT, INSERT, UPDATE, DELETE) to maintain structured and effective storage of user details, table content, metadata, and log files.

### Accommodation Application

[GitHub Link](#)

#### MACS - Advance Topics in Software Development (May - July 2023)

- The platform is a web and mobile application designed to bridge the gap between individuals looking for accommodations and property owners.
- Crafted and tailored user interfaces with **React** to provide an effortless and intuitive search experience for users of the platform.
- Utilized **Spring Boot** for the development of solid back-end features, such as user management, authentication, authorization, and web services, thereby improving the application's scalability and security of data.
- Developed and executed a database schema with **MySQL** to facilitate the efficient organization and access of essential data for the platform's operation.

## EDUCATION

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### Master of Applied Computer Science (MACS)

May 2023 - Present

#### Dalhousie University (Halifax, Nova Scotia)

**Relevant coursework:** Advance Topics in Software Development, Advance Topics in Web Development, Database Management and Warehousing Analytics

### Bachelor of Computer Science

August 2017 – May 2021

#### Saint Mary's University (Halifax, Nova Scotia)