

## EDUCATION

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Humber Institute of Technology and Advance Learning Information Technology Solutions PG Diploma GPA <b>90.4</b> (Deans Honor for consecutive <b>4 sems</b> )	Toronto, Canada Jan 2022 - Aug 2023
Guru Nanak Dev University Bachelor of Computer Applications CGPA 8.4/10	Punjab, India Jun 2016 - Jun 2019

## EXPERIENCE

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OracleLens Lead Full Stack Developer · Kaizen	Toronto, Canada May 2023 - Aug 2023
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- **Contracts Trading Platform- Capstone:** A web application that facilitates contract trading between buyers and suppliers, enabling buyers to place bids on contracts while sellers can accept or decline these bids. Integrated dynamic charts to visually represent contract price fluctuations based on bid outcomes. The application addresses challenges in the renewable energy sector's parts exchange. Employed a technology stack including **Spring**, **Angular**, **JWT tokens**, **Spring Security** for role-based access, **Angular Material** for UI, and **SQL** for the database.

Data Aces Software Engineer Intern · WM Migration	Toronto, Canada Aug 2022 - Dec 2022
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- **Astra Migrations:** Contributed to the migration of **Java microservices** and **AWS Lambdas** from **Cassandra** database integration to **Astra DB** integration. Assisted the team in **unit testing** the migrated **Lambdas** using **CloudWatch** payloads. Implemented changes to **CloudFormation templates** to incorporate the **Astra layer**, **SQS**, and **SNS** topics seamlessly.

Capgemini Senior Software Engineer · Advanced Modelling Platform - General Electric	Chennai, India June 2020 - December 2021
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- **PI Plannings:** Actively participated in **Program Increment (PI) plannings**, collaborating on feature selection for upcoming sprints. Additionally, I engaged in client interactions during feature demonstrations to gather valuable feedback and ensure alignment with their needs. My role played a crucial part in enhancing sprint planning and maintaining strong client relationships.
- **Adding features** to the modelling platform: Elevated the application's functionality by seamlessly integrating a CM percentage feature through table components. Furthermore, I introduced both variable and fixed cost forms, enabling the systematic recording of expenses associated with corresponding services within the billing stream.
- **Integration Testing of Angular Components:** By harnessing the capabilities of the **Jasmine and Karma framework**, I conducted thorough testing of freshly implemented features. I authored extensive unit tests covering **mock services and front-end components**, bolstering the overall code quality. My involvement extended to addressing **User Acceptance Testing (UAT)** defects and rectifying **sonar check** lint issues.

Capgemini Software Associate · GFSK - General Electric	Chennai, India June 2019 - Jun 2020
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- **Equipment Inventory Management:** Developed **APIs** dedicated to retrieving and processing inventory data for turbines, steam engines, generators, and their corresponding components and functionalities. Assumed ownership of the **front-end**, **back-end**, and **testing** dimensions of the project.

## PROJECTS

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**Portfolio Website:** Personal portfolio website that leverages **Next.js**, **React**, and **Tailwind CSS**. This responsive platform not only showcases my diverse **skill set** but also presents a comprehensive display of my projects. Moreover, it offers an improved user experience through a seamless **dark mode toggle**. Tailwind CSS was employed for modern, responsive design. This project exemplifies my expertise in web development, frontend technologies, and user experience design, emphasizing my ability to create engaging, functional web applications, all of which can be explored at the live site.

**GameHub:** A web application built using **Vite** and **React**, enhanced with **Chakra UI** for an intuitive user interface. This platform seamlessly integrates with the **RAWG API** to retrieve comprehensive game details. It provides users with a curated experience, showcasing games and facilitating easy filtering by genre and platform. Additionally, GameHub prioritizes user preference with a dark mode toggle. This project demonstrates my proficiency in front-end technologies, API integration, and user-centric design, highlighting my ability to create engaging, feature-rich web applications that cater to diverse user preferences.

**Healthcare Lab:** A Healthcare Laboratory Management Application, utilizing the **Spring Framework**, **Spring Data JPA**, **PostgreSQL** database, **JWT token authentication**, and **Spring Security** for secure access control. This application streamlines healthcare operations, enabling staff members to seamlessly add patients, schedule appointments, and facilitates physicians in assigning tests to patients. Additionally, it empowers technicians to efficiently upload test results. This project exemplifies my expertise in Java-based technologies, database management, authentication systems, and user-specific routing, demonstrating my ability to create robust and user-friendly solutions for healthcare management.

**Questionnora:** An **ASP.NET MVC** web application enabling users to post and answer questions. Implemented secure authorization and authentication using the **Identity Framework**. Admin-exclusive privileges for editing and deleting questions and answers ensure data integrity. This project showcases my expertise in web development, security, and user access control.

**Restaurant Menu/Employee Management:** Developed an **ASP.NET MVC** application tailored to streamline restaurant operations, encompassing menu management, employee administration, shift assignment, and comprehensive CRUD functionalities.

Implemented seamless user role assignment and established role-driven access control for both controllers and views. Leveraged Bootstrap to craft an intuitive and visually appealing UI.

**Travel and Tourism Web App and Android Application:** Designed and crafted an **Android application** that offers users an immersive experience exploring different countries. The app provides insights into each country's unique cuisines and up-to-date **weather information**. Integrated **Google Maps** functionality to enable users to visualize and explore locations of interest.

Employed **Volley** for efficient retrieval of weather data and utilized **Recycler View** to seamlessly display info dynamically.

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## PROGRAMMING SKILLS

**Languages:** Java Enterprise, JavaScript, TypeScript , Structured Query Language , HTML

**Technologies:** Spring Framework/ Spring AOP/ Spring Data JPA/ Spring Security/ Rest Template, Java Servlets, Angular, React, Thymeleaf , ASP.NET MVC / Identity Framework, REST API/ SOAP API / Micro services , Postman , Axios , ExpressJS, NgRx , Git/ GitHub , JSON Web token authentication , Swagger , MySQL/ H2 database engine/ PostgreSQL , Amazon Web Services (AWS)/ AWS Lambda/ AWS IAM/ EC2 Instance/ CloudWatch/ S3 Bucket/ Simple Queue Services