

# Mudit Khanna

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## EDUCATION

### Humber Institute of Technology and Advance Learning

Information Technology Solutions PG Diploma GPA 89.4 (Deans Honor for consecutive 3 sems)

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

### OracleLens

Lead Full Stack Developer · Kaizen

Toronto, Canada

May 2023 - Aug 2023

- **Contracts Trading Platform:** Developed an 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

- **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

- **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 frontend 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

- **Equipment Inventory Manangement:** 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

**Healthcare Testing App:** Created an advanced healthcare management app with Spring Boot, Angular, and PostgreSQL. The app empowers users to manage patient records, appointments, and test assignments seamlessly. Developed API's using Spring Boot, delivering a robust RESTful API. Angular for front end intiutive design and PostgreSQL stores patient info, appointments, and test data.

**Questionora:** Built a dynamic Questionora web application using ASP.NET MVC that empowers users to post questions and receive answers. Admins hold exclusive control over managing questions and answers, while bloggers can contribute content.

**Restaurant Menu/Employee Management:** Developed an ASP.NET 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 RecyclerView to seamlessly display info dynamically

## PROGRAMMING SKILLS

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**Languages:** Java EE , JavaScript , TypeScript , SQL , Android **Technologies:** Spring Framework/ Spring AOP/ Spring Data JPA/ Spring Security/ Rest Template/ JWT tokens , Amazon Web Services (AWS) , ASP.NET MVC / Identity Framework , Angular , Thymeleaf , React , NgRx , ExpressJS , Git/ Github , REST API/ Micro services/ Swagger