TECHATAT OBUN

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WORK EXPERIENCE

Co-op Programmer (8-month term) September 2022 - April 2023

Government of Ontario - Ministry of Children, Community and Social Services, Toronto, Ontario

- Collaborate with experts to enhance Ontarians' well-being and achieve project objectives.
- Assist in SharePoint portfolio management, Intranet/website support, and end-to-end development.
- Play a role in developing applications utilizing SharePoint Online, Dynamics 365-based MS Power Apps, as well as HTML, and CSS.
- Utilize XML, CSS, SQL, Jira, and Azure DevOps in project development and management tasks.
- Apply proficiency in the Software Development Life Cycle (SDLC) and Agile methodologies.

Cabin Crew, Jetstar Airways (A330, B787) June 2015 – December 2021

Phuket Based, Thailand

- Ensure safety and emergency procedures.
- Perform onboard services to provide comfort to passengers.

TECHNICAL SKILLS

Programming Languages	**C, C++, Java, Python**
Database Management	**Oracle 12c, MySQL, MongoDB**
Design and IDE Tools	**MS Office, MS Visual Studio, MS Visual Code, Heroku, Vercel**
Operating Systems	**Windows, Linux/Unix**
Web Development	**JavaScript, CSS3, HTML5, JSON, React.js, Node.js, Express.js, ASP.NET, Git, Bootstrap**
Cloud Platforms	**Amazon Web Services (AWS), Microsoft Azure**
Containerization	**Docker**

EDUCATION

Computer Programming and Analysis Diploma 2021 – 2024 (expected)

Seneca Polytechnic, Toronto

Expected Graduation: August 2024

- GPA: 4.00
- President's Honour List: Fall 2021, Winter 2022, Summer 2022, Fall 2023, Winter 2024

Bachelor of Arts and Science in Business English 2008-2012

South East Asia University, Bangkok, Thailand

- GPA: 4.00

TECHNICAL PROJECTS

Fragments Microservice – Seneca College

- Implement an HTTP REST API for seamless integration with existing systems.
- Design for massive scalability to accommodate large volumes of data, leveraging AWS cloud computing services for seamless scalability and reliability.
- Develop functionality to convert data between formats without added storage costs.

Technical Projects continue…

- Utilize AWS cloud computing services including AWS Cognito, ECS (Elastic Container Service), ECR (Elastic Container Registry), EC2 (Elastic Compute Cloud), S3 bucket, and DynamoDB.
- Implement secure authorization mechanisms leveraging AWS Cognito to ensure data privacy and isolation between users.
- Develop using GitHub for version control and automated deployment to AWS cloud infrastructure.

Hotel Reservation – Seneca College

- Create an application for collecting ticketing data for an agent and customer.
- The application shows different functionality between an agent and a customer.
- Validate the credentials for an agent when logging into the application.

Disaster and Emergency Aid Management - Seneca College

- Integrate knowledge of C++ Object Oriented Programming concepts to accomplish the project.
- The application manages the list of items needed to be shipped to the area where the disaster occurs.
- Create functionality to handle the state of the object that would be sent out as well as collecting date data in the system to check the expiry date of the object.

Account Ticketing System – Seneca College

- Create an application for collecting ticketing data for an agent and customer.
- The application shows different functionality between an agent and a customer.
- Validate the credentials for an agent when logging into the application.

Art Items Website - Metropolitan Museum of Art, New York City – Seneca College

- Create a website showcasing art items from The Metropolitan Museum of Art in New York City.
- Utilize React.js to develop the user interface for browsing and searching art items.
- Integrate MongoDB for database management.
- Leverage React and Next.js to create a modern, responsive user interface for searching and viewing data from the Metropolitan Museum of Art Collection API.
- Restrict access to registered users only and incorporate JWT for secure web API access in Next.js.

Promptify – Personal Project

- Developed a Next.js application featuring a CRUD AI Prompt sharing system with MongoDB and NextAuth authentication.
- Enabled users to discover, create, edit, and delete AI prompts.
- Created profile pages for users to showcase their prompts and view others' profiles.
- Implemented "Copy to Clipboard" and tag-based search functionality.
- Integrated secure Google authentication using NextAuth.
- Built a fully responsive website for optimal user experience across devices.