Ripudaman Singh

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Software Developer

FULL STACK DEVELOPMENT | DATABASE MANAGEMENT | COLLABORATIVE

Summary

- Results-oriented student of Software Engineering Technology Advanced Diploma, with applied project experience in full-stack development, database management and testing support.
- Demonstrated skill in object-oriented programming, user-oriented design, and applying the SDLC.
- Strong foundation in data structures, algorithms, and software design patterns.

Education

Centennial College – Advanced Diploma in Software Engineering   Sep 2023 - Present

Technical Skills

Programming Languages: JavaScript, Java, C#, SQL, Python, Kotlin
Web & Application Development: ReactJS, NodeJS, Spring, ASP.NET, XAML, HTML5/CSS3
Mobile Development: Android Studio, React Native
Databases: Oracle, MySQL, MS-SQL, MongoDB
Cloud: AWS, Azure
Other Tools: Git, Github, Terminal/Bash, VS Code, Visual Studio, IntelliJ, PostMan

Projects

EBook-Reader Desktop Application   github.com/rdsingh120/EBook-Reader
Tech Stack: WPF (.NET 8, C#), AWS DynamoDB, AWS S3, Syncfusion PDF Viewer, DotNetEnv

- Developed a WPF desktop E-Reader application using .NET 8 and C#, integrating AWS DynamoDB for user authentication and book storage.
- Implemented PDF viewing with Syncfusion, cloud storage with AWS S3, and functionality to track last-read page per book.

Library App   github.com/rdsingh120/books-management-app
Tech Stack: React, TailwindCSS, Node.js, Express, MongoDB

- Developed a full-stack CRUD application for managing book collections, allowing users to create, read, update, and delete book entries.
- Implemented RESTful APIs with Node.js and Express, and integrated MongoDB for persistent data storage.

AWS S3 Desktop Application   github.com/rdsingh120/AWS-S3-Service-GUI-App
Tech Stack: C#, .NET, AWS S3, AWS SDK

- Developed a C# GUI application to interact with AWS S3, enabling bucket and object-level operations such as create, delete, upload, and download.
- Implemented user-friendly interface for managing cloud storage efficiently, integrating AWS SDK for .NET.

Clinic Management System (In Progress)
Tech Stack: MongoDB, Express, React, Node.js (MERN)
Client: github.com/rdsingh120/ClinicManagementSystemClient
Server: github.com/rdsingh120/ClinicManagementSystemApi

Experience

Clerk, Nova Scotia Health Authority – Halifax NS   Apr 2022 – Aug 2023

- Supported administrative operations and document management in a fast-paced healthcare environment.
- Gained professional communication, collaboration, and time-management skills applicable to software projects.