Keying Song

Benjamin Hood Crescent, Concord, ON, Canada
keyingsong1212@gmail.com (289) 943-8562
Portfolio: https://portfolio-working-production.up.railway.app/

- ❖ Two years' hands-on experience with C#, Java, React, HTML, CSS and JavaScript

- ❖ Sound knowledge of Oracle Database, MongoDB

- ❖ Specializes in object-oriented programming

- ❖ Excellent problem-solver with the ability to work well with others within team environment

TECHNICAL SKILLS

Programming Languages: C#, HTML/CSS, JavaScript, TypeScript, Java, Node.js, SQL

Frameworks and Libraries: .Net, Entity Framework, React, Bootstrap, Express, Stripe, Recharts

Databases: Oracle database, Microsoft Database, MongoDB

Other Technologies: Git, Linux, Heroku, Azure

EDUCATION

Software Engineering Technician Diploma with High Honors   Sept. 2021 – Dec. 2022
Centennial College, Toronto, ON

WORK EXPERIENCE

Software Developer Intern (part - time)
P:HC Human City, Toronto, ON   Jan. 2022 - Apr. 2023

- ❖ Developed the user interface of the messaging subsystem using React

- ❖ Participated in the design of data schema for the messaging subsystem

- ❖ Created sample data for the messaging subsystem using MongoDB

- ❖ Contributed ideas during meetings for app upgrades and improvements

Website Administrator
Sichuan University Press, Chengdu   Apr. 2018 – Apr. 2020

- ❖ Maintained, updated the content, design, and functionality of the press official website

- ❖ Updated the Press Book Database regularly

- ❖ Managed social media account and answered inquiries from clients

- ❖ Resolved and troubleshooted technical problems related to press website

PROJECT EXPERIENCE

Full Stack Developer | Employee Management Application (WinForms)
Centennial College, Toronto, ON   Oct. 2022 – Nov. 2022

Developed a desktop application that enables hr personnel to manage employee information efficiently.

Users can add, delete, update, search employee information and job information

- ❖ Developed a Windows Forms desktop application using C#, .Net framework

- ❖ Designed and created a relational database using Oracle database

- ❖ Developed stored procedures and functions and SQL quires for data analysis and manipulation

- ❖ Tech Stacks: Oracle database, C#, .Net, WinForms

Full Stack Developer | Survey Generator (MERN Stack)
Centennial College, Toronto, ON   Jun. 2022 – Aug. 2022

Built a survey generator web application that enables users to create surveys, manage surveys, take surveys, and view survey reports

- ❖ Utilized React framework, Material-UI, and Bootstrap for building the user interface

- ❖ Built the RESTful API using Node.js, Express, and MongoDB
- ❖ Used Axios to fetch and translate JSON data requested from RESTful APIs
- ❖ Integrated Recharts for data visualization and Passport-JWT for authentication
- ❖ Tech Stack: React, MongoDB, Express, Node.js, Material-UI, Bootstrap, Recharts

  https://surveygenerator-keying.herokuapp.com/

Front End Developer | Jewelry E-commerce Website

Centennial College, Toronto, ON   Oct. 2021- Nov. 2022

Built a cross platform e-commerce website that enables customers to browse products, place orders, pay

online and deployed the website to Heroku

- ❖ Utilized **Next.js** to set up the front end for improving search engine optimization
- ❖ Integrated a headless CMS, **Sanity.io**, to set up the back end for data storage and api conversion
- ❖ Integrated **Stripe** API to process credit card payments following the PCI compliance
- ❖ Tech Stack: Next.js, Sanity.io, Stripe.

  https://ecommerce-production-c78a.up.railway.app/

OTHER EXPERIENCE

Peer Tutor

The Progress Learning Center, Centennial College, Toronto, ON   Feb. 2021 - Apr. 2021

- ❖ Obtained CRLA international tutor training program certification (level 1)
- ❖ Actively listened to the student's inquiries and effectively provided assistance
- ❖ Encouraged the use of effective study strategies