Ben Liu

Full-Stack Web Developer

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647-471-4983

Portfolio | **GitHub**

EDUCATION

Full Stack Web Development Certificate (Nov 2022)

University of Toronto, ON, Canada

Bachelor's Degree in Information Engineering (2011-2014)

City University of Hong Kong

CERTIFICATE

Microsoft Certified Azure Solution Architect Expert (Oct 2021)

Microsoft Certified Azure Administrator Associate (Jul 2021)

Information Technology Infrastructure Library (ITIL) V3 (Jun 2015)

SOFTWARE DEVELOPMENT SKILLS

Front-end: HTML5, CSS3, React, Bootstrap, jQuery

Back-end: Node, Express, Sequelize, Mongoose, GraphQL.

Database: MySQL, MongoDB

Computer Language: JavaScript, SQL, Python, Bash, C/C++, Java.

Software: Git

ADDITIONAL IT SKILLS

Cloud computing: Microsoft Azure

Virtualization: VMware, Hyper-V

Network: Routing, switching, firewalls

Backup & Recovery: Veeam, NetBackup

Data Storage: EMC DataDomain, HPE StoreOnce, HPE Nimble, HPE 3PAR

Server OS: Windows Server, Linux RHEL

WEB PROJECTS

Online Burger Shop

- An online burger ordering web application built with the MERN stack.
- Implemented Redux to maintain and update React state globally.
- Created reusable React components for efficient product display.
- Integrated Apollo Client/Server and GraphQL to exchange data between frontend and backend.
- Implemented JSON Web Token (JWT) for user authentication.

Deployment   Repository

Online Clothing Store

- An online clothing store built using the MVC structure.
- Developed RESTful API backend for CRUD operation on MySQL.
- Implemented Express session to enable dynamical content display based on user's login status.

Deployment   Repository

WORKING EXPERIENCE

Senior Technical Consultant - HKBN Enterprise Solutions

Hong Kong   Feb 2019 – Feb 2022

- Provided backup and recovery solutions to 20+ enterprise clients, including B2D2T, replication, and disaster recovery.
- Provided VMware virtualization solutions for 30+ projects, including deployment, upgrade, and migration.
- Deployed SAN Storage to serve as datastores to VM hosts.
- Provided Hyper-Converged Infrastructure (HCI) solutions using HPE SimpliVity to 10+ enterprise clients.
- Performed user acceptance testing and maintenance for 50+ enterprise clients after project delivery.

Technical Specialist - Atos Information Technology HK Ltd.

Hong Kong   Jul 2014 – Feb 2019

- Troubleshooted backup and restoration error on both Windows and Unix platforms.
- Managed backup for 1500+ machines, including backup job configuration and monitoring.
- Generated report and provided capacity planning on backup resources.
- Provided 24/7 technical support by rotating shifts.
- Raised and implemented change tickets and resolved incident tickets in accordance with ITIL best practices.