Lee Shing Him Richard

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SUMMARY

- Experienced in React / HTML / CSS /JavaScript / Typescript / Node.js / Express / Java / Spring boot
- Aspiring programmer with a passion for coding and continuous learning
- Initiative, self-discipline, quick and keen learner
- Graduate of BSc in Biomedical Science at University of Waterloo, Canada

SKILL

Programming language and Frameworks

- Language – JavaScript, TypeScript, Java
- Frontend – React, HTML, CSS, Bootstrap, Material UI
- Backend – Node.js, Express, knex.js, Nginx, Spring boot
- Database – PostgreSQL
- DevOps – GitHub actions (CI/CD), AWS cloud services (EC2, S3, Route53), Docker

MS office (Word, Excel, PowerPoint)

Fluent in English, Cantonese, and Mandarin

CERTIFICATION

- **AWS Certified Cloud Practitioner (valid to May 2027)**

CODING PROJECT – Group projects

EasyJob

- Online resume builder powered by AI
- Develop by *Typescript* and *Node.js* for backend, and *React* for frontend
- Allow user to create and optimise resume and cover letter with AI calling OpenAI API
- Additional Job search function with data scraped from Jobsdb using Playwright

TubeInsight

- Online Platform for Youtuber to generate and share ideas
- Develop by *Typescript, Node.js* framework for Backend, and *HTML, CSS,* and *JavaScript* for frontend
- Video idea suggestion with OpenAI API, YouTube comment analysis with semantic analysis and online forum

EDUCATION

MicroMaster in A.I. & Programming (Nov 2023 – Feb 2023)

Tecky Academy – coding bootcamp

Bachelor of Science, Honours Biomedical Sciences (Sept 2017 – April 2021)

University of Waterloo, Ontario, Canada

- Dean's Honours
- Medical Physiology Minor

WORK EXPERIENCE

Research assistant II, School of Public Health, HKU (Nov 2021 – Oct 2023)

- Dr. Hui-Ling Yen's Lab
- Assist on Covid-19 vaccination study on animal model and human
- Develop and optimise experiment protocols, collect and analyse experimental data
- Assist on housekeeping and ad hoc duties