

# Ben

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## Objective

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To leverage my technical skills and knowledge and make a significant impact in software development like by building efficient and intuitive applications that enhance user experiences.

## Summary

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Enthusiastic and efficient full-stack developer graduate and able to use basic framework for frontend and backend. Capable to work under pressure, such as meeting tight schedules. Always thirst for new knowledge for improving performance. Hold a Post-graduation work permit.

## Skills

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- Critical thinking and problem solving | Fast Learner | Computer Skills | Ability to work under pressure | Good team player
- C# | .NET | Java | JavaScript | Python | Node.js | AngularJS | Git | oracle SQL | MongoDB | HTML | CSS | VBA | MS office

## Experience

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### HKSAR (Highways Department) - Technical officer

Aug 2020 – Sept 2022

- Created and maintained road data in the Highways Department to provide better planning for senior roles.
- Developed software solutions to improve efficiency and planning for senior roles within the department:
  - Designed and implemented automation scripts using Python to streamline repetitive tasks, resulting in an 80% improvement in work processes.
  - Integrated SQL databases with VBA (Visual Basic for Applications) to generate automated reports in Excel, reducing workload by 50%.
- Collaborated with cross-functional teams to enhance data visualization and reporting:
  - Utilized HTML, CSS, and JavaScript to create interactive web-based dashboards for data presentation.
  - Implemented responsive web design principles to ensure data accessibility on various devices.
- Continuously expanded software development and web development skills by staying updated with the latest technologies and tools relevant to the role.

### Shanghai Construction Overseas Engineering Limited- Graduate Engineer

Apr 2020 – Aug 2020

- Designed and calculated for the civil work including temporary piling work and underground pipeline construction.
- Designed and communicated with the contractor for the upcoming work sequence.
- Reported progress and backlog to the client.

### C & A (HK) Consulting Ltd - Graduate Engineer

Nov 2018 – Apr 2020

- Site supervision for maintenance of civil work.
- Design calculations for different civil works. Including temporary wall, foundation, cover walkway, and steel structure.

## Education

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### Centennial College - Software Engineering Technician

Sept 2022 – Dec 2023

- Focus on **.Net**, **Database**, and Full Stack **Web design** with **agile** methodology
- Create self-use **REST API** with **Node.js**, **JSON**, and **MongoDB**
- Familiar with Front End(**jQuery**, **JavaScript**, **AngularJS**, **ReactJS**) and Back End(**Java**, **.NET**, **Node.js**)
- Understanding of databases(**oracle SQL**, **MySQL**, **MongoDB**) and the relationship between web development.
- Understanding of **asynchronous** design for both web-based and desktop-based software.
- Able to use different **data structures** based on the requirement.

### The Hong Kong Polytechnic University - Bachelor of Civil Engineering

Sept 2016 – Aug 2018

- Major in **Civil** and environmental engineering.
- Focused on concrete and steel **structure design**.
- Able to design complex structures by using software such as **ETABS**.
- Able to create design drawings using **AutoCAD**, **Revit**, and **MicroStation**.
- Familiarized with **BIM** software including **Revit**, **Civil3D**, and **Navisworks**.