

ELLEN (DABEEN) JUNG

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Skills

- C# | .NET | Java | Python | HTML | CSS | JavaScript | TypeScript | Kotlin | C | Node | React | Apache Cordova | RestAPIs
- Azure | Laravel | Docker | MongoDB | AWS | MySQL | Figma | Visual Studio | VSCode | Pycharm | Eclipse | Git | OOP
- Windows | MacOS | Frontend | Backend | Full-Stack | English, Korean

Experience

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|--|---|----------------------|--------------------------|
| Full-Stack Developer | <u>HanKii</u> | <i>Coquitlam, BC</i> | 04/2024 - Present |
| <ul style="list-style-type: none">• Implemented the front-end of the website for the restaurant owners to help them to improve their business by analyzing the performance and to communicate with customers conveniently by using React, JavaScript, Tailwind CSS, Open API and Docker.• Utilized microservice architecture to manage all the different microservices effectively for the future growth.• Implemented the services using Spring Boot to handle product-related operations including CRUD operations and interactions with its databases. | | | |
| Software Developer | <u>Piccolo Software</u> | <i>Richmond, BC</i> | 05/2022 - 06/2023 |
| <ul style="list-style-type: none">• Led the design and development of three separate taxi dispatch programs/apps for taxi drivers, customers, and taxi company owners who manage all vehicles in the fleet using Java, Android Studio, JavaScript, Apache Cordova, .NET, MS SQL Server DB.• Optimized the Driver App performance by identifying the root cause of memory loss and reducing app crashes by 90%.• Implemented the notification for both the driver app and customer apps by using OneSignal to enable them to keep track of the status of their trips.• Improved the map on the Customer App by calculating and displaying the shortest path from starting address to destination, and also showing the cabs within 3km.• Collaborated actively with stakeholders to develop user-centric solutions and implement new features of the customer app. | | | |
| Volunteer | <u>St. Agnes Kim Korean School</u> | <i>Coquitlam, BC</i> | 09/2018 - 10/2019 |
| <ul style="list-style-type: none">• Assisted the lead instructor in delivering Korean language and cultural lessons to elementary school students.• Taught students the basics of coding easily to help them have interests in coding. | | | |

Projects

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|---|--|--------------------------|
| Full-Stack Developer | <u>YVR IoT Water Monitoring</u> | 05/2023 - 12/2023 |
| <ul style="list-style-type: none">• Implemented a data visualization and device management dashboard to visualize water metrics measured by smart devices around Sea Island using React, TypeScript, AWS IoT, AWS Cognito, MongoDB and REST APIs.• Designed and developed the admin portal page by using AWS Cognito to encrypt the user info.• Displayed real-time data for devices and sensors by calling AWS API query to enable users to address climate change and sea levels change rapidly.• Implemented the interval pie graphs and line graphs to display overall changes of sensor data to help users easily analyze the root cause of rising sea levels. | | |
| Full-Stack Developer | <u>16 & me</u> | 09/2023 - 12/2023 |
| <ul style="list-style-type: none">• Developed using agile methods, helped users identify their personalities in 16 types in a simple way using C#, Blazor Server and MySQL.• Analyzed the user's personality traits based on 5 given descriptive questions from users and generated responses using OpenAI APIs.• Assessed and tested based on feedback from users and had over 85% of accuracy proven by users. | | |

Certificates

AWS Certified Cloud Practitioner (2024)

Amazon Web Services (AWS)

Education

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|---|--------------------|--------------------------|
| British Columbia Institute of Technology, GPA - 3.60/4.00 with Distinction | <i>Burnaby, BC</i> | 09/2021 - 12/2023 |
| Computer Systems Technology (Computer Science), Diploma | | |