

Romain Davy

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Experience

Danihel Group | Application Developer

Calgary, Alberta

SWIFT, FLUTTER, TYPESCRIPT | XCODE, ANDROID STUDIO, VISUAL STUDIO CODE, DBEAVER, POSTMAN

July 2021 – Present

- Sole iOS developer responsible for design of front end, creation of back end and deployment of new app builds.
- Maintained database on Back4app including creation / editing of cloud code functions.
- Worked on both front end and back end of Flutter Web and Mobile applications.
- Managed API via SwaggerHub with a primary focus on creating / editing API responses.
- Acted as intermediary between Database and Quality Assurance team to ensure API was functioning as intended.

PBS Systems | Programmer

Calgary, Alberta

VISUAL BASIC .NET | VISUAL STUDIO 2015

April 2017 to June 2021

- Created and edited smaller program modules used by larger management software.
- Managed back end programming of various programs including calculations, bank and user information.
- Improved efficiency of programs by implementing tuples.
- Updated programs to work on new iterations of software.
- Reduced client work load by minimizing steps to complete a task.

Smart Labs LTD | Software Developer Intern

Calgary, Alberta

JAVA, J2EE, MYSQL | NETBEANS, MYSQL WORKBENCH

September 2016 – April 2017

- Tasked with creation and maintenance of MySQL database.
- Created server side CRUD (Create, Read, Update and Delete) methods.
- Implemented security measures such as salting and hashing of user passwords using SHA-256.
- Created database triggers to log and manipulate data.
- Contributed to documentation of project such as Class diagrams and Use case diagrams.

Skills

Languages	Swift, Flutter, Java, TypeScript, JavaScript, Visual basic .NET, Python, SQL
Platforms	Back4app, SwaggerHub
Frameworks	React, Bootstrap
Source Control	GitHub Desktop, Team Foundation Server, SVN Repository, Azure
Tools	Visual Studio Code, Xcode, Android Studio, Dbeaver, Postman, GitKraken, MySQL Workbench
DBMS	MySQL, SQLite
Environments	Node.js
Web	HTML, CSS

Projects

Crypto Check

JAVA, SQLITE | ANDROID STUDIO

- Up-to-date prices on any Cryptocurrency.
- Keep track of your investments using the built-in ledger.
- Get notified when prices rise or fall using alerts.
- Implements API.

Homepage

HTML, CSS | VISUAL STUDIO CODE

- Hosted using Github.

Tic Tac Toe game

JAVA | ECLIPSE

- Multiplayer enabled game.
- Real time communication with built-in chat.
- Created GUI using window builder.

Duplicate Image Finder

PYTHON | VISUAL STUDIO CODE

- Find and separate duplicate images.
- Data through image manipulation.
- Implements Pillow Library.

Education

Southern Alberta Institute of Technology

Calgary, Alberta

INFORMATION TECHNOLOGY

September 2014 - April 2017

- Software Development Major.
- Graduated with 3.52 GPA.