# KEVIN KELBIE

Aberdeen, Scotland · kevin@kelbie.dev · 07599 878870 · Webite · GitHub

## EDUCATION

**Robert Gordon University**                                   Aberdeen, Scotland
BSc (Hons), Computing (Application Software Development), *1st Class*          2018 - 2020

**North East Scotland College**                               Aberdeen, Scotland
HND, Computing                                                        2016 - 2018

## EXPERIENCE

**Robert Gordon University**                                  Aberdeen, Scotland
*Software Developer*                                                          2020

- Implement a recommendation engine to help customers have better search results.

**Agile Resource**                                            Aberdeen, Scotland
*Software Developer*                                                          2019

- Client-side / server-side rendered React

- Built a landing page & MVP prototype that helped raise £3000 in funding for the startup.

## SKILLS

| | |
|---|---|
| Languages: | JavaScript, Python, PostgreSQL, TypeScript, GraphQL, HTML5, CSS3 |
| Frameworks: | NodeJS, ReactJS, ExpressJS, Redux, NextJS |
| Tools & Technologies: | Firebase, Lets Encrypt, Git, Azure (Pipelines), Linux, Docker, NPM, Nginx |

## PROJECTS

**StudentLog** *React, GraphQL, Node, Redux, PostgreSQL*          Website · Demo · Source
StudentLog is a website which allows students to find internship or new grad gobs relevant to their careers as well as using the built-in dynamic CV builder. The website has other functionality such as a timetable viewer and student an accommodation board.

**Statechain Server** *React, Node, Express, PostgreSQL, GraphQL*          Website · Demo · Source
An off-chain scaling solution for Blockchain-based cryptocurrencies.

**VSCode Bitcoin Extension** *TypeScript, Miniscript, Bitcoin*          Install · Demo · Source
A VSCode Extension with rich support for Bitcoin Script including features such as IntelliSense, linting, debugging, code formatting, and code executing on the Bitcoin network.

**Korean Typing Game** *React*          Website · Demo · Source
A Korean Typing Game designed to help people learn how to type in Korean by breaking down the multi-syllabic blocks into individual syllables to make them easier to identify.

**Bitcoin GraphQL Proxy** *Node, GraphQL, Bitcoin, PostgreSQL*          Source · Demo
An API that extends the functionality of the Bitcoin Core API which is the defacto api for Bitcoin. It allows for more fine-grain control over the result of the output which makes for more efficient queries.

## OPEN SOURCE

**Rome** *TypeScript*          Website · Pull Requests
Core Contributor

- Implemented the first VSCode extension for Rome using the language server protocol (LSP) which is available at https://rome-vscode.kelbie.dev

- Implemented an ast explorer for Rome available at https://rome-explorer.kelbie.dev

- Implemented and unit tested multiple rules for the linter.

## HACKATHONS

**RGUHack** *React*          Github · Demo

- I worked as a team to create a

- Implemented an ast explorer for Rome available at https://rome-explorer.kelbie.dev

- Implemented and unit tested multiple rules for the linter.