

KEVIN KELBIE

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EDUCATION

Robert Gordon University BSc (Hons), Computing (Application Software Development), <i>1st Class</i>	Aberdeen, Scotland 2018 - 2020
North East Scotland College HND, Computing	Aberdeen, Scotland 2016 - 2018

EXPERIENCE

Robert Gordon University <i>Software Developer</i>	Aberdeen, Scotland 2020
<ul style="list-style-type: none">• Implement a recommendation engine to help customers have better search results.	
Agile Resource <i>Software Developer</i>	Aberdeen, Scotland 2019
<ul style="list-style-type: none">• 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 <i>React, GraphQL, Node, Redux, PostgreSQL</i>	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 <i>React, Node, Express, PostgreSQL, GraphQL</i>	Website · Demo · Source
An off-chain scaling solution for Blockchain-based cryptocurrencies.	
VSCode Bitcoin Extension <i>TypeScript, Miniscript, Bitcoin</i>	Demo · Source
A VSCode Extension with rich support for Bitcoin Script including features such as IntelliSense, linting, and code formatting.	
Korean Typing Game <i>React</i>	Website · Demo
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 <i>Node, GraphQL, Bitcoin, PostgreSQL</i>	Source with Examples
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 <i>TypeScript</i>	Website · Pull Requests
Core Contributor	
<ul style="list-style-type: none">• 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 <i>React</i>	Github · Demo
Our group did the RGUNetZero challenge where the goal was to create a website that helped display the issues climate change has on our world.	
<ul style="list-style-type: none">• I created the blog in React and a 3d animation that shows the amount of carbon in the atmosphere to raise awareness of climate change.	