

Joseph Hill

Fullstack Software Engineer,
BSc Hons Software Engineering, 1st degree honors (Expected)
Full Clean Drivers Licence Holder.

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EXPERIENCE

Micronav Ltd — *Software Engineer, R&D Scrum*

July 2022 - Present, <https://www.micronav.co.uk/>

Contributing to the advancement in new technologies and methodologies of a complex, fullstack real world 1-1 Simulation of air traffic control software designed to train and maintain global standards of ground & air control across three continents.

Daily Duties:

- Self Dependent programming, Fullstack Architecture and engineering, primarily within C Family languages.
- Modern Web Design Frameworks: Nodejs, Vue, Vuetify, Bootstrap
- Daily ongoing work using and developing our own RESTful APIs designed for commercial external use and internal communication of big data between different system components within the simulator.
- Re-Architecture of current legacy systems to suit modern day coding concepts and libraries
- Object Oriented approach to large scale systems to ensure modularisation and quick scalability.
- Sprint tracking through JIRA system, including ticketing, burndown, agile methodologies in bi-weekly sprints.
- Code Reviews, Peer reviews, R&D Validation testing, Manual and automated testing.

EDUCATION

Bournemouth University — *BSc Hons Software Engineering, 1st Class Hons (Expected)*

Sept 2021 - May 2024

<https://www.bournemouth.ac.uk/study/courses/bsc-hons-software-engineering-foundation-year-option>

Hertfordshire & Essex Sixth Form, Bishop Stortford — *A Level*

Sept 2019 - July 2021

Computer Science, Economics, Business. 11 GCSEs A*-C.

LANGUAGES

C++, C#, Javascript,
HTML/SCSS, SQL, UML,
Python. Kotlin, Vue

TECHNOLOGIES & FRAMEWORKS

Vue, Vuetify, Bootstrap, NodeJS, Flask, Visual Studio, VSCode, SVN Version Control, Postman, API Versioning, GitHub, Embarcadero Builder 10.3, Web Toolkits, Pub-Sub Modelling, Eclipse, MariaDB, Oracle, XAML, XML, JSON

SKILLS

- Agile Scrum
- Quick to adapt to business needs,
- Independent problem solver,
- Good Communicator, Vocal,
- Collaborator,
- Personable,
- Self Motivated,
- Quick learner to new technologies and languages,
- Flexibility, Currently working flex remote, 3/2 in-house/remote