



Job description form

Position Profile

General information	
Job Title	Software Developer
Company	Gill
Department	Research&Development

Position summary

To take the lead role and responsibility for planning, execution and successful completion of cloud/IoT development projects. Maintain and develop new solutions, features and capabilities of Gill IoT applications.

Main duties

- Developing, testing, and IoT/Cloud applications using Azure Services/IoT Hub
- Collaborating with cross-functional teams, including product managers and other developers, to define, design, and ship new features.
- Writing clean, efficient, and well-documented code.
- Implementing and optimising cloud platform backend as well as user interfaces and user experiences.
- Developing and integrating third-party APIs and services.
- Troubleshooting and debugging issues and identifying and resolving performance bottlenecks.
- Staying up-to-date with the latest cloud and software development trends and technologies.
- Participating in code reviews and contributing to best practices.

Candidate requirements

- Bachelor's degree in Computer Science, Software Engineering, or a related discipline, or equivalent practical experience.
- Significant commercial experience in software engineering, with a strong track record of delivering robust, scalable solutions using C++ and Microsoft .NET technologies.
- Strong experience designing and developing cloud-based applications and services, ideally within Microsoft Azure and Azure IoT environments.
- Demonstrable ability to take ownership of technical design, solution architecture, and delivery across the full software development lifecycle.
- Strong understanding of API design, systems integration, application security, performance optimisation, and modern software engineering best practice.
- Experience working across back-end and front-end development, with the confidence to contribute to complex full-stack solutions.
- Proven experience with source control, peer code review, and collaborative development workflows, using tools such as Git.
- Ability to mentor or support other developers, contribute to technical standards, and drive continuous improvement within the development team.
- Strong communication and stakeholder engagement skills, with the ability to work effectively across cross-functional teams and translate technical concepts into practical outcomes.

Additional advantageous experience

- Knowledge of mobile application development or native user interface concepts for iOS and Android platforms.
- Experience working in Agile development environments and contributing to technical leadership, estimation, and continuous improvement activities.

Person specification

- Proficiency in Full-stack development using Microsoft.net, Azure or Azure IoT)
- Strong experience with Cloud development (Azure and/or AWS)
- Experience with efficient API design and development for Web and Communication
- Experience with version control systems (e.g., Git, Subversion, etc)
- Knowledge of native User Interface and mobile development concepts (e.g., iOS and Android)
- Ability to work independently and as part of a team
- Experience with testing frameworks is a plus
- Familiarity with Cellular connectivity
- Familiarity with MQTT Broker technology

Reporting structure

Software Developer- Head of Software

A position profile does not imply that the duties stated are the only ones to be performed by the incumbent. Employees will be required to follow any other reasonable job-related instruction as requested by their manager or a company director.