FIRETECH
BY HIVIZ LED LIGHTING

Job Title	Applications & Toolsets Engineer	Location	Hendersonville, NC
Department	Engineering	Hours	Full Time, Exempt. Salary

Summary

The Applications and Toolsets Engineer is responsible for designing, developing, and maintaining software tools and applications that interface with our embedded products over Bluetooth and wired interfaces. These applications are internal, manufacturing, installation, and customer facing. This role is key in optimizing and supporting the development lifecycle, the manufacturing line, and the end user by integrating, automating, and streamlining various internal and customer facing software applications over multiple platforms.

Duties

- Design and develop company internal and customer external facing software applications and toolsets written in Python, JavaScript, and C# (legacy), running on PCs, embedded touchscreens, and mobile devices

- Maintain applications and toolsets to ensure they remain effective, adding features to adapt them to new requirements as needed

- Collaborate with internal and external stakeholders to understand their needs, write requirements, propose wireframes, and build or expand UI applications to enhance workflow and support

- Ensure tools are integrated and compatible with existing infrastructure and technology stack as it evolves

- Create and maintain documentation for formal processes as well as user manuals for customer facing applications

- Continuously monitor and optimize tool performance to improve responsiveness, usability, and reliability

- Collaborate with third party contractors and outsources related to applications and toolsets

Skills and Competencies

- Highly proficient in Python and JavaScript languages

- Experience designing, developing, testing, and debugging custom tools and UI applications using standard best practices

- Experience in designing and architecting software tools for large-scale, distributed systems that connect over multiple interfaces

- Experience collecting requirements from various parties, such as engineers, installers, or manufacturing professionals to provide custom solutions

- Experience in software development methodologies (Agile, Scrum, etc.), and participating in sprint planning, stand ups, design reviews, and similar

- Experience with version control systems, such as Git, and related best practices

- Familiarity with GTK+3 framework

- Familiarity with React Native framework

- Familiarity with C# and VBA (for legacy applications)

- Familiarity with database systems, such as SQL

- Proficient in the Microsoft Office suite

- Command line experience or familiarity

- UI/UX design experience or familiarity

- Linux, MacOS, Windows, iOS, and Android experience or familiarity

- Strong problem-solving skills with the ability to troubleshoot complex toolchain and application issues