DONN WILLIAMS

Software Developer

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| PROFESSIONAL SUMMARY

Multitalented Software developer with experience in mobile and desktop applications. Demonstrated excellent skills in Tauri, Flutter, Dart, React, Typescript and Rust. True team player with strengths in adaptability and accuracy.

| WORK HISTORY

Sensit! - *Intermediate Software Developer*
Potsdam, Brandenburg, Germany • 09/2023 - Current

- Developed multiple desktop applications using the **Tauri** framework, leveraging **Rust** for backend performance and **React** with **TypeScript** for a type-safe frontend. Standardized styling across products and white-label solutions using **Tailwind CSS**.
- Implemented asynchronous, non-blocking communication with synchronous hardware using the Tokio runtime.
- Collaborated closely with the design team, independently managing tasks to **enhance visual appeal** and **user experience**.
- Designed, developed, and maintained Rust-based microservices with a distributed **SQLite (TURSO)** database for internal and external services.
- Contributed to the development and optimization of complex CI/CD pipelines in **Azure**, ensuring code quality through **rigorous testing**, **linting**, **building and releasing** across a multi-product **mono repo**.
- Led internal projects, driving team efficiency and ensuring project success.

Achievements:

- Recognized for outstanding performance with an **award of company shares and bonuses**, reflecting my contributions to key projects and overall company success.

Sensit! - *Junior Software Developer*
Potsdam, Brandenburg, Germany • 08/2021 - 08/2023

- Developed the Feelbelt mobile application using **Flutter and Dart**.
- Experienced with **MongoDB** and **Firebase**.
- Implemented **unit tests** and **integration tests**, following **clean code** principles for maintainability and usability.
- Integrated Bluetooth connectivity to read and write firmware values.
- Added new features, including firmware update progress tracking and an in-app video player.

| SOFTWARE

Typescript, React

Rust

Flutter, Dart

Python

MongoDB

Firebase

SQL

JAVA

| SKILLS

Software development

Mobile app development

Desktop app development

Project management

Testing and maintenance

Build releases

Front-end frameworks

Code review and refactoring

| EDUCATION

Sheffield Hallam University
Sheffield, UK • 09/2015 - 06/2017

BEng: Aerospace Engineering
- Achieved Second-Class (2:2)

Indian Institute of Aeronautical Engineering
Dehradun, India • 08/2012 - 05/2014

Associate Degree: Aerospace Engineering
- Achieved 3.6/4 GPA.

| CERTIFICATIONS

CS50's Introduction to Artificial Intelligence with python, EDX
08/2020

- Conducted thorough application testing before final release to ensure issue resolution.
- Gained proficiency in desktop application development with **UWP (C#)**, **JavaFX (Java)**, **ElectronJS (JavaScript)**, **Tauri (React, TypeScript)**, and **Compose Multiplatform**.

Achievements:

- Offered pay rise and new position within the company.

Asirtech - *Software Developer*
Nagercoil, India • 10/2020 - 04/2021

- Contributed to the development of a web application using **Java**, **Spring Boot**, **AngularJS**, and **HTML**, focusing on both frontend and backend development.
- Developed a mobile application for an automated testing tool **(ACRA)**, implementing UI and core functionalities using **Dart and Flutter**.

Achievements:

- Developed complete front-end mobile application functionalities in 3 months
- After probation received pay rise of 110%.

Ozone Engineering Solutions - *Design Engineer*
Chennai, India • 02/2018 - 07/2019

- Designed innovative 2D and 3D machine guards tailored to customer requirements.
- **Collaborated with customers** to identify issues and provide creative solutions.

Achievements:

- Produced range of 3D and 2D drawings on machine guards that led company to secure project worth 700K INR.

| LANGUAGES

German

English

Tamil

Malayalam