Simon Bauer

5G Software Engineer

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As an ambitious and goal-oriented software engineer, I tackle challenges with an entrepreneurial spirit. Fueled by a growth-focused attitude, I thrive on these opportunities, constantly expanding my knowledge and delivering impactful software solutions.

🎓 Education

Metropolia University of Applied Sciences — August 2019 – December 2022

Bachelor of Engineering, Information Technology, Embedded Systems Major — *Espoo, Finland*

💼 Work Experience

Nokia — since January 2022

5G Control Plane Software Engineer — *Espoo, Finland*

» C++, C#, Time management, Scrum
> Improving and maintaining over 6 5G releases with C++ and TTCN-3
> Delivering 5G tools in an international team with C# and Python
> Managing time and resources in line with the Scrum philosophy

⚗ Projects

🎓 Academical: WaterTracker — Spring 2020

» Android app written in Java with integrated SQLite database to track one's water intake
> Integrating SQLite in an Android Application
> Managing the project with Scrum
> Testing the integrity and robustness of the app

👤 Personal: Yahoo-Finance-Scraper — since 2023

» Rust-written CLI program to retrieve the financial statements of listed companies from Yahoo Finance
> Writing a web scraper in Rust using scraper library
> Exporting the data to CSV or JSON file
> Releasing a functional version on GitHub

💼 Work: 5G repository — since 2022

» Nokia's 5G Repository
> Implementing 3GPP specifications to satisfy customers
> Conformance testing the implementation and maintaining the code base
> Collaboration with over 30 people at a time

⚙ Skills

Programming C/C++, C#, Rust, Python
Soft skills Problem solving, Leadership, Time management, Scrum
IT Linux, Excel, Electronics

🎮 Interests

Guitar and Music Theory Exploring the beauty of music and its intricacies
Rocket science Applying Newton's Laws in a fun way
Finance Stock market, economy and businesses

💬 Communication

English *C2*   **German** *C2*