Ronak Punase

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Professional Summary

Competitive when learning, collaborative when building. Experienced Software Engineer with a track record of delivering robust software systems and driving architectural decisions. Proficient in C/C++ and Python; comfortable with RTOS and Linux environments; adept at debugging, performance analysis, and ensuring reliability and maintainability. Skilled at shaping technical direction, collaborating with hardware, systems, and product management teams to define requirements and priorities; conducting code reviews, mentoring junior engineers, and improving development processes in Agile settings. Eager to apply to embedded software challenges at Infineon, leveraging a high-trust, collaborative culture and familiarity with software life cycles and automotive safety practices.

Experience

Farmako, Gurugram, Haryana

Software Development Engineer   03/2025 – Present

- Led modular software component design and architecture, collaborating with cross-functional teams (hardware, QA, product management) to define requirements and priorities.

- Implemented and improved CI/CD pipelines, reducing build failures by 40% and accelerating feature delivery.

- Established coding standards and participated in regular code reviews; mentored junior engineers to improve maintainability and quality.

- Implemented instrumentation and testing strategies to improve software quality and reliability; documented progress and outcomes for stakeholders.

- Re-engineered critical components for better performance and maintainability; aligned with product roadmaps and platform owners.

PuStack, Remote

Flutter Developer   07/2021 – 03/2025

- Collaborated with backend, design, and product teams to define requirements for scalable cross-platform mobile apps serving 50,000+ users.

- Led code reviews, established front-end development standards, and built reusable architectures to improve maintainability and velocity.

- Implemented CI/CD workflows and automated testing, reducing release cycle times and improving software quality.

- Focused on performance, reliability, and user experience; mentored new developers and contributed to knowledge sharing.

- Gained exposure to embedded-like software considerations, portability, and system-level thinking through cross-domain projects and debugging.

Education

Bachelors of Engineering, RGPV University, Bhopal, MP   2021
GPA: 4.25/5.0

Technical Skills

Languages: C, C++, Python
Embedded/OS: RTOS (FreeRTOS-like), Linux, cross-platform development
Tools: Git, CI/CD, Jira, debugging tools, performance profiling
Software Lifecycle: Agile, SDLC, testing, code reviews, documentation
Safety/Standards: Familiar with automotive software practices (to align with MISRA/ASPICE as applicable)

Projects

- *MyMoney* Expense tracking app in Flutter; demonstrated ability to deliver maintainable code and scalable architectures; documented design decisions.

- *Majestic UI* Passion project; showcased ability to ship features and engage users; wrote clean, extensible code.

- *The CS Guy* YouTube channel with tutorials; demonstrated communication and teaching ability.