SANG NGUYEN

Katariinantori 2, 67100 Kokkola | sangdinh2001@gmail.com | +358466171836

6th March 2025

Hiring Manager
Software Engineering Research Group
Tampere University
Kalevantie 4, 33100 Tampere, Finland

Subject: Application for Research Assistant Position in Software Engineering

Dear Hiring Manager,

I'm excited to apply for the Research Assistant position in the Software Engineering research group at Tampere University. As a Master's student in Web, Cloud, and Software at Tampere University, I have a strong interest in software engineering, cloud computing, DevOps, and AI-driven software development, and I'm eager to contribute to your research while expanding my skills in real-world projects.

Currently, I am working on EduChat, a chat service entity integrated into EduML learning environment. This project has allowed me to gain hands-on experience with React, TypeScript, Python, and Django, as well as state management (Zustand), API integrations, and security best practices. I have been responsible for developing frontend components, implementing AI chatbot settings, overseeing the integration process and managing user interactions.

Beyond project experience, I have strengthened my software engineering expertise through various courses, including Software Testing, Cloud Technologies, Secure Programming, and Software Design. These courses have given me a strong foundation in CI/CD pipelines, OpenStack virtual machines, and system security, further reinforcing my DevOps and cloud computing skills—both highly relevant to this role.

One of the aspects of this position that excites me most is the opportunity to work on cloud-edge computing, IoT, and AI-enhanced software engineering. I am particularly interested in model-based software development, data-sharing infrastructures, and automation in system integrations, all of which align with my current academic and professional focus.

Beyond technical skills, I thrive in collaborative research environments, where I can learn from experts, contribute to innovative projects, and tackle complex software engineering challenges. I am a fast learner, highly motivated, and eager to apply my knowledge to meaningful research in your group.

I've attached my CV and transcript of studies for your review. I would love the opportunity to discuss how I can contribute to your research team. Thank you for your time and consideration!

Best regards, Sincerely,

Sang Nguyen