

# Nutthawat Panyangnoi

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RE: Backend engineer

Dear Hiring Manager,

I am writing to express my interest in the Backend Engineer position at your company. As a Computer Engineering student at San Jose State University with strong hands-on experience in full-stack development, systems programming, and machine learning, I bring a deep technical foundation and a strong passion for software development.

Through both academic and industry experiences, I've built a diverse technical portfolio from developing mobile apps with React Native and Firebase to building full-stack web applications using Python, Flask, and SQL. In my recent role with NASA's Proposal Writing and Mission Concept programs, I applied software and systems thinking in real-world aerospace contexts, contributing to high-impact technical projects, proposal writing, and engineering analysis.

My work also includes personal and collaborative projects such as a note-taking web app, a neural network classifier deployed on embedded hardware, and a modular handheld computing device built around the Raspberry Pi CM4. These efforts demonstrate my versatility with both front-end and back-end systems as well as my comfort with cross-disciplinary challenges involving hardware and software.

I am particularly drawn to roles that allow me to create robust, user-friendly software and work alongside talented engineering teams. I take pride in my problem-solving skills, my eagerness to learn new tools and technologies, and my ability to contribute meaningfully in both independent and collaborative environments.

I would welcome the opportunity to bring my passion for programming and strong technical foundation to your team. Thank you for your time and consideration. I look forward to the chance to further discuss how I can contribute to Wing's engineering goals.

Sincerely,

Nutthawat Panyangnoi