Khang Minh Bui

(425) 414-0885   linkedin.com/in/khangmbui

khang.bui@wsu.edu   github.com/KhangMBui   https://khangmbuiportfolio.netlify.app/

Education

Washington State University	**Degree Expected: April 2026**
B.S. Computer Science	GPA: 3.76
Seattle Central College	**Graduated June 2023**
A.S. Computer Science	GPA: 3.96

Technical Skills

- **Programming Language:** Java, Python, C++, C#, SQL, JavaScript.
- **Frameworks, Technologies, & Databases:** HTML, CSS, React.js, React Native, Next.js, Node.js, Flask, Express.js, TailwindCSS, Docker, SQLite, MongoDB, PostgreSQL.
- **Tools & Cloud Services:** Render, Vercel, Netlify, AWS, Figma.
- **Version Control & Project Management:** Git, GitHub, GitLab.

Experience

WSU Software Development Club — **October 2024 - Present**
Project Manager & Lead Full Stack Developer

- Leading development of the Best By Notification web app (React.js, Flask) to track food expiration, notify users before items expire, and suggest recipes based on available ingredients
- Assigning tasks, mentoring team members in Git, version control, and React.js/Flask, while reviewing pull requests and providing technical support.

AVOLTA, Inc. — **November 2023 - July 2024**
Front-End Developer Intern

- Collaboratively developed and designed a cross-platform car security mobile app using React Native, featuring a user-friendly interface and user authentication.

GSUR Program, Washington State University — **November 2023 - May 2024**
Gerontechnology Undergraduate Researcher

- Collected and analyzed data from smartwatches and home sensors to label elderly activities for AI training, while collaborating with faculty on gerontechnology research to enhance the well-being of disadvantaged older adults.

SAM Learning Center, Seattle Central College — **October 2022 - June 2023**
Computer Science and Math Tutor

- Assisted Seattle Central College students with Computer Science (Python and Java) and Math (Algebra and Calculus), offering help with assignments, study guides, concept review, and exam prep.

Projects

- **Best By Notification** | *React.js, Flask*
  Led the development of a mobile-friendly web app that scans food products, tracks expiration dates, notifies users before they expire, and suggests recipes based on available ingredients.
- **NutriScan** (AI for Change Hackathon 2024) | *Next.js, Express.js, TailwindCSS, Figma, Node.js,*
  Developed the Frontend and helped with the User Authorization. NutriScan scans nutrition labels and provides instant feedback on how well products align with users' dietary preferences. It evaluates ingredients and nutritional content, offering personalized recommendations to promote healthier eating habits and ensure food safety.
- **Weathering With Me** | *Express.js, EJS, TailwindCSS*
  Designed the UI in Figma and built a mobile app that uses a weather API to provide real-time weather updates based on the city users enter.

Additional

- **AgAID Digital AgATH0N 2025,** 2nd place Winner. Developed an AI-powered LSTM snowpack prediction model using PyTorch and CUDA to optimize water resource management in the Western U.S. through advanced spatial-temporal data processing
- **AI For Change 2024 Hackathon,** Winner. Collaboratively built NutriScan, a nutrition label scanner (https://devpost.com/software/nutriscan-z4owgh).