

# Vaishnavi Lokhande

📞 623-396-8182 | 📩 [slokhand@buffalo.edu](mailto:slokhand@buffalo.edu) | 🐾 [github.com/iamVL](https://github.com/iamVL) | 💬 [linkedin.com/in/vaishnavi-lokhande000](https://linkedin.com/in/vaishnavi-lokhande000)

## EDUCATION

<b>University at Buffalo, The State University of New York</b> <i>Bachelor of Science in Computer Science and Engineering</i>	Expected May 2026 Buffalo, NY
• <b>Awards &amp; Honors:</b> UB Transfer Scholarship (\$12,000)   NAMU Scholarship (\$14,500/year for three years)   Experiential Learning Grant (faculty-supported, \$800)   Dean's List (5 consecutive semesters)	
• Transferred from Arizona State University (August 2022 - December 2024)	

## TECHNICAL SKILLS

**Languages:** Python, Java, C++, JavaScript, TypeScript  
**Backend & APIs:** Node.js, Express.js, RESTful API design, Authentication & Authorization  
**Databases & Systems:** PostgreSQL, MySQL, Firebase, SQL schema design, Indexing, Linux  
**Tools & Engineering:** Git, GitHub, Docker, CI/CD fundamentals, Performance optimization

## CERTIFICATIONS

<b>Azure AI Engineer Associate</b> REST APIs   Model Deployment   Azure OpenAI   Generative AI   Agentic AI   NLP   RAG   Knowledge Mining	[Microsoft certificate]   2025
<b>Azure AI Fundamentals</b> Machine Learning Fundamentals   AI Workloads   Responsible AI   Computer Vision Basics   NLP Basics	[Microsoft certificate]   2025
<b>Salesforce Developer Virtual Internship (SmartInternz)</b> Apex   SOQL   REST APIs   Object-Oriented Programming   CRM Data Modeling	[Salesforce certificate]   2023

## WORK EXPERIENCE

<b>Internship, Department of AI Labs</b> <i>Brane Enterprises Private Limited</i>	Jun 2023 – Aug 2023 Hyderabad, India
• Co-led a 5-member team to build a <b>GPU-accelerated MobileNetV3 image classification system</b> for real-world currency recognition, improving multi-class accuracy from <b>60% to 89%</b> through data augmentation	
• Optimized training and inference workflows to reduce GPU training time by 35%; delivered <b>production-ready code</b> under tight deadlines and earned a <b>paid return internship offer</b> for impact	

## PROJECTS

<b>RecovR – Post-Surgery Recovery Platform</b> [code] <i>Swift (iOS) · Gemini AI API · Firebase Realtime DB · HTML/CSS/JavaScript</i>	2024
• Improved post-surgery monitoring and diagnostic visibility by building an iOS app and clinician dashboard that aggregated patient-written recovery logs, enabled real-time synchronization, and leveraged AI-assisted analysis to surface potential health risks missed by manual tracking	
<b>BookTrack Library Management System</b> [code] <i>React.js · Node.js · PostgreSQL · Jira · Git/GitHub</i>	2024
• Improved library search performance and system scalability by building a full-stack management platform with structured data models, optimized PostgreSQL schemas, and indexed queries, achieving a 35% increase in search efficiency and a 25% reduction in query latency	
<b>Additional Full-Stack Projects</b>	2025
• <b>Neo-Paw-Itan (Pet Patrol)</b> [code] : Built a full-stack pet management platform with authenticated dashboards, relational MySQL schemas, and automated email reminders to centralize routines, health records, and shared pet data.	
• <b>The Melting Pot</b> [code] : Built a responsive social recipe platform with modular frontend-backend integration and scalable filtering logic for dietary preferences, skill levels, cuisines, and user-generated content.	

## LEADERSHIP & TEACHING

Undergraduate Teaching Assistant, CSE 115, CSE 412, FSE 100	2024 – Present
Sponsorship Lead, UB Hacking	2025 – Present
Co-Chair / Public Relations Chair, ACM UB Chapter	2025 – Present
Member, Women in Computing (WiCS)	2023 – Present