

Varshini Bhavanam

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EDUCATION

University of Minnesota - Duluth

Bachelor of Science in Computer Science

Duluth, MN

December 2025

- Relevant Coursework: Computer Organization and Architecture, Software Analysis and Design, Computer Security, Operating Systems, Software Engineering, Natural Language Processing, Mobile User Experience and Design, Engineering Statistics

EXPERIENCE

Healthcare Software Data Abstractor

St.Lukes Aspirus Administration

Feb 2025 – Present

Duluth, MN

- Assisted in the migration and integration of patient data from Meditech to Epic, ensuring data accuracy.
- Extracted, validated, and input structured clinical data into Epic.
- Applied data processing techniques to resolve discrepancies in patient records.
- Maintained compliance with HIPAA and data security best practices.
- Collaborated with clinical and IT teams for data optimization.

Undergraduate Research Assistant

University of Minnesota

Sep 2024 – Present

Duluth, MN

- Developing a mobile app leveraging gamification for mental well-being.
- Conducting research on stressors affecting college students.
- Testing prototypes and iterating app design based on user feedback.

Intern

International Student Services

Aug 2024 – Present

Duluth, MN

- Updated and maintained confidential student records using Sunapsis.
- Assisted international students during orientation and administrative processes.
- Managed Microsoft Excel spreadsheets with confidential records.

PROJECTS

StyleSync - Fashion Collaboration App — *React.js, Node.js, Express.js, MongoDB*

- Developed a full-stack fashion platform with AI-powered recommendations and AR try-ons.
- Built a matchmaking system for event collaborations and integrated Firebase authentication.

PantryPal - Mobile App Developer — *Jan 2025 – Present*

- Developing a mobile app to assist low-income families with meal planning and food assistance.
- Implementing database management for ingredient tracking and budget-based meal recommendations.
- Utilizing machine learning to optimize meal suggestions based on user preferences.
- Ensuring data security through encrypted storage and secure authentication.

TECHNICAL SKILLS

- **Languages:** Java, JavaScript, Python, HTML, CSS, SQL, C++
- **Frameworks:** React, Flutter, Node.js
- **Developer Tools:** Git, GitHub, Linux, VS Code, IntelliJ, PyCharm, Figma, Microsoft Office
- **Libraries:** MongoDB, Firebase, TensorFlow, WebAR