BEREKET GIRMA

507-613-1450 | bereketgirma002@gmail.com | linkedin.com/in/bereketgirma | github.com/BereketGirma | portfolio

Education

Minnesota State University Mankato   **May 2026**
*Bachelor of Science in Computer Science, **GPA: 3.67***   *Mankato, MN*
- Relevant Coursework: Operating Systems, Intelligent Systems, Parallel Computing and Software Engineering, Discrete Math I/II, Computer Architecture, Algorithms, Data Structures, Calculus I/II

Technical Skills

Languages: Java, Python, TypeScript, Kotlin, C#, SQL, CSS/HTML
Frameworks/Libraries: Android Studio, Django, Next.JS, React
Tools/Platforms: Firebase, MongoDB, Postgres, Azure DevOps, Docker, Git, GitHub actions

Experience

IT Lead Consultant   **Aug 2023 – Present**
Minnesota State University   *Mankato, MN*
- Managed **30+** team members, using weekly check-ins and project management tools, resulting in **25%** improved collaboration efficiency.
- Provided hardware and software support to **200+** users/month, reducing downtime by **15%** through prompt issue resolution.
- Leveraged TeamViewer to remotely troubleshoot **50+** tickets monthly, cutting resolution time by **30%**

Software Engineer Intern   **May 2024 – Aug 2024**
Client Sponsored Project   *Mankato, MN*
- Developed automated shift management for **30+** IT staff members, cutting manual scheduling time by **80%**.
- Engineered a cross-platform desktop application using **Java and Gradle**, enabling seamless workflow for **30+** users across Mac and Windows systems.
- Developed automated schedule distribution system using Microsoft Teams and Excel, reducing communication time by **75%** across **30+ team members**.

Projects

SAFEHR | *NextJS, TypeScript, Django, SQLite, MongoDB*   **Jan 2025 – Present**
- Built a role-based EHR system for nursing simulation with Admin/Educator/Student permissions and secure patient data workflows.
- Deployed a Dockerized full-stack web application with separate dev/prod environments.
- Integrated MongoDB with Django backend to manage patient records, enabling efficient storage and retrieval of simulation data.
- Implemented real-time care updates using WebSockets to enable synchronized multi-user scenarios.
- Built automated tests, achieving over **85%** test coverage to ensuring reliability of critical features.

AutoShift | *TypeScript, Vite, Electron, CSS*   **Jan 2025 – May 2025**
- Built a cross-platform Electron + TypeScript desktop app automating shift logging for **15+** university staff.
- Reduced **90%** of manual workload for **15+** users by automating repetitive work-hour logging.
- Leveraged Selenium with ChromeDriver for timesheet automation, reducing data entry errors by **80%** and saving an average of 1 hour per week for each user.

Patrol Cam | *JavaScript, React, HTML, CSS, MongoDB*   **Aug 2024 – Dec 2024**
- Built a responsive security dashboard enabling operators to visualize camera status and access historical activity in real time.
- Designed MongoDB schemas and REST APIs to store and retrieve camera activity logs and user actions.
- Implemented a user management system using MongoDB, including authentication on the webpage to facilitate secure access and data management.

Leadership and Activities

ColorStack MNSU | *Professional Development*   **May 2025 - Present**
MNSU Leetcode Club | *President*   **Aug 2025 - Present**
CodePath | *Student fellow*   **May 2023 - Dec 2024**