

ABDINASIR MUMIN

Contact:

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SUMMARY

Enthusiastic and detail-oriented Software Developer with expertise in full-stack development and a passion for creating innovative, scalable solutions. Proficient in delivering robust web applications and building impactful machine learning models. Seeking to leverage technical skills and problem-solving abilities in a dynamic team environment.

SKILLS

Programming: C++, Python, JavaScript, SQL, MongoDB, HTML, CSS, Tailwind CSS, Node.js, jQuery, Bootstrap, GraphQL, Ruby, Flutter, PHP.

Tools & Frameworks: Visual Studio Code, Vim, PyCharm, Android Studio, FastAPI, Angular, Express.js, React.

Operating Systems: Windows, Linux, Mac.

Software: Google Suite, Microsoft Office Suite, Jira, GitHub.

EDUCATION

Bachelor of Science in Computer Science

St. Cloud State University (SCSU), St. Cloud, MN – *Expected May 2025*

PROFESSIONAL EXPERIENCE

Software Developer

Immersion Data Solution – June 2024 – Present

- Developed machine learning models that enhanced the company's AI capabilities.
- Designed and implemented in-house automation tools, boosting team productivity.
- Resolved **20+ tickets** and completed **10 pull requests**, ensuring project timelines were met.
- Collaborated on frontend projects while specializing in backend development and unit testing.

Advanced Repair Technician

Geek Squad – Sep 2023 – Present

- Conducted hardware troubleshooting, software support, and data recovery.
- Performed virus removal and maintained meticulous records for repair logs.

Web Developer Intern

Creed Interactive – June 2023 – Aug 2023

- Created a shopping website using PHP and WordPress.
- Contributed to Angular-based projects and API development.

Repair Technician

SCSU Husky Tech – Dec 2020 – June 2023

- Resolved **500+ technical support tickets**, fixed system errors, and addressed network issues.
 - Improved customer satisfaction rates from **83% to 92%**, earning recognition for exceptional service.
 - Delivered technical training and support on software and hardware systems.
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PROJECTS

Barry AI – Privacy-Focused AI web app

- Built a full-stack web application for private AI interactions, leveraging open-source LLM models.
- Features include document-based queries and image analysis for contextual Q&A.

CipherSafe – Secure Password Manager

- Designed a password management service using **FastAPI** for the backend and a responsive frontend.
- Ensures robust data encryption and seamless user experience.

Life Log – Journaling Web Application

- Created a wellness tracking app with **Angular**, **Node.js**, **Express.js**, and **MongoDB**.

Colorwise AI – AI - Powered Fashion Tool

- Developed an AI tool to recommend personalized color palettes based on skin tone analysis.
- Integrated advanced image processing and real-time analysis, ensuring user privacy.

Discord Bot with Local LLM

- Built a Discord bot integrated with a locally hosted GPT-3.5 equivalent model for text-based interactions.

Image Processing System

- Designed a system using **OpenCV** and **ReactJS** to analyze and visualize changes between images.
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LEADERSHIP & ACHIEVEMENTS

Manager – SCSU Husky Tech (2022 – 2023)

- Trained team members, led interviews, and optimized task workflows to meet critical deadlines.

Vice President – Computer Science Club (2021 – 2023)

- Organized events, including a successful game jam, fostering collaboration and engagement.

Hackathon Winner – SCSU Hackathon 2023

- Created a class registration automation tool, earning the **Judges' Votes Award** for innovation.