CHANDANA RAJSHEKHAR

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EXPERIENCE

SAINT LOUIS UNIVERSITY

Student Worker- Information Technology Services- End User & A/V Support   *June 2025 - Present*

- Provided IT support for desktops, laptops, peripherals, and A/V equipment at SLU, ensuring high uptime and quick resolution of issues.
- Maintained A/V and IT equipment in 80+ classrooms across campus, ensuring 99% uptime.
- Used TeamDynamix to manage tickets, prioritize tasks, and track resolutions.
- Interacted with users and vendors to coordinate service and resolve issues quickly.
- Ensured high service quality through clear communication and efficient problem-solving.

SAINT LOUIS UNIVERSITY

Student Worker – Office of International Services - Newsletter   *March 2025 – Present*

- Web content writing, Graphic Design, Event Marketing and Team collaboration.

BOSCH Global Software Technologies

Software Product Developer   *Sept 2022 – June 2024*

Project: GPEC5+ ECU Development for Stellantis (Jeep Grand Cherokee, Wrangler, Dodge Challenger)

- Delivered AUTOSAR-compliant base software for GPEC5+ Engine Control Units (ECUs), integrated into 1M+ Jeep vehicles globally
- Led configuration of ECU IO pins, complex device drivers, and integration modules using IFX microcontroller
- Improved system boot time by 30% and diagnostic test coverage by 40% through optimization of BSW stack and OS configuration
- Managed shared remote builds and basic testing for seamless software integration and faster delivery cycles
- Mentored junior developers and ensured on-time delivery of software releases, reducing defect rate by 60%
- Collaborated with Stellantis teams to meet ISO 26262 functional safety and diagnostics requirements

PROJECTS

- "Bone Cancer Detection using CNN algorithm and image processing techniques".
    1. Worked on Frontend by creating a webpage which takes an input image and gives cancer results after processing.
    2. Worked in implementing CNN algorithm for the project for image processing.
- "Unraveling Anxiety Attacks: Data-Driven Insights into Factors, Symptoms, and Severity"
    1. Contributed Worked for data visualization of the dataset using Tableau
    2. Frontend Development

SKILLS

Python Programming | Machine Learning | SQL | TypeScript | Node.js | Apache Kafka | Java Programming | AUTOSAR and RTE Integration | Sensor and Actuator Configuration | OS Configuration | Complex Device Drivers | IFX microcontroller | Cross- Cultural Communication | Customer Service | Multitasking | Microsoft 365 | Website Content Creation | Graphic Designing

EDUCATION

Saint Louis University   **Saint Louis, MO**

MS in Artificial Intelligence (GPA: 3.85/4.0)   *May 2026*

Courses: Databases, Python Programming, Computing and Society, Introduction to Machine Learning, Big Data Analytics, Java, Principles of Software Development

VOLUNTEERING

- Volunteered with The Gathering Church's A/V Team and Kids Ministry, managing sound/video systems and leading interactive, faith-based lessons to enhance worship services and children's programming.
- Supported new students and campus culture at Saint Louis University by assisting with International Student Orientation and coordinating the Holi Festival's music, dance, and activities for over 200 attendees.