Andrei Tamse

Quezon City | +63 9777377606 | tamseandrei@gmail.com | [LinkedIn](#) | [Github](#) | [Portfolio](#)

EDUCATION

De La Salle University   **Manila, Philippines**
Bachelor of Science in Computer Science Major in Software Technology   *Sept 2022 - Present*

EXPERIENCE

Guildford   *Sept 2020 - Present*
IT Support Specialist

- Provided on-call technical support, troubleshooting software and hardware issues, including Windows repairs and virus removal.
- Managed and maintained the company's centralized network and printers, ensuring seamless operations.
- Built and configured all company computers, optimizing performance and system reliability.
- Diagnosed and resolved technical issues efficiently to minimize downtime.

PROJECTS

Distributed System Recovery
Using master-slave architecture, a database replication system ensures high availability and fault tolerance.

- Designed a three-node replication setup with automated failover handling.
- Built a failover mechanism to promote the most up-to-date slave to master.
- Implemented concurrency control to maintain data consistency.

Laboratory Reservation System
Web app for Lasallians enabling seat bookings, user logins, admin walk-ins, and profile management.

- Implemented secure password hashing and cookie-based session handling for user authentication.
- Developed using HTML, CSS, Handlebars, and JavaScript for the front end, with MongoDB.

Client-Specific Payroll System
A web-based payroll system developed with React and MySQL using Agile methodology as Scrum Master.

- Implemented secure password hashing and cookie-based session handling for user authentication.
- Developed using HTML, CSS, Handlebars, and JavaScript for the front end, with MongoDB.

Adidas Webstore Analytics
Data analysis project on Adidas website data using data science techniques to generate insights and predictions

- Performed data preprocessing and exploratory data analysis (EDA) to clean and explore raw data.
- Applied machine learning models to identify patterns and provide actionable insights.
- Generated analytics to support decision-making and strategic planning.

ADDITIONAL

- **Technical Skills:** C, Java, Javascript, MongoDB, MySQL, Python, HTML, CSS
- **Tools:** Github, Figma, Jupyter Notebook, VS Code
- **Soft Skills:** Soft Skills: Strong analytical and problem-solving skills, empathetic with emotional intelligence, able to work well in a team, and possess grit.