TSEE SARICHA

Available for Hire Sep 2025 – Apr 2026
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SUMMARY

Motivated and adaptable digital design and development student with a strong foundation in programming, UI/UX design, and sustainable innovation. Proven experience in conceptualizing impactful projects like GreenLocks and BeLeaf, leveraging skills in full-stack development, AI integration, and project leadership. Recognized for academic excellence and committed to creating solutions that blend technology and user-centric design.

EDUCATION

Republic Polytechnic   Expected Graduation 2026
- *Diploma in Digital Design & Development*
- *Awards: Year 1 Semester 1 Director's Roll, Year 2 Semester 1 Director's Roll*

TECHNICAL SKILLS

- *Computer Languages: Python, JavaScript, C, C++, SQL, HTML, CSS, React, Node.js, Express.js, MySQL, MongoDB*
- *Tools: Visual Studios Code, Android Studio, Tableau, Power BI, Figma, Adobe Photoshop, Adobe Illustrator, Unity*
- *Skills: Business Intelligence, Machine Learning, Natural Language Processing, Figma, Full-Stack Development, Wireframing, Prototyping, Web Development, Mobile App Development, Game Development, Graphic Design*

WORK EXPERIENCE

Bird Society of Singapore, *Volunteer (Programming Team)*   Mar 2025 – Present
- Supporting website development by assisting with AI chatbot and interactive map integration features (beta).
- Building technical knowledge to assist in improving the website's source code while enhancing communication and project coordination skills.

The Coffee Academics, *Service Crew*   Jul 2023 – Present
- Delivered exceptional service, managing operations and ensuring a seamless dining experience.
- Collaborated on event setup and team operations, demonstrating adaptability and attention to detail.

PROJECTS & LEADERSHIP EXPERIENCE

GreenLocks, *Project, NTU 3rd Kumar Sustainability & Innovation Prize*   Nov 2024 – Mar 2025
- Conceptualized and initiated Conceptualized and researched a platform to connect hair donors with salons for sustainable ocean cleanup efforts.
- Promoted circular economy approaches and collaborated on refining the project for competition.

HackStart, *EXCO Sub-Leader, Republic Polytechnic*   Dec 2024 - Present
- Facilitated hackathon participation by promoting events and matching participants with teammates.
- Supported training material preparation and team bonding activities.

BeLeaf, *Hackathon Project, Defence Science & Technology Agency BrainHack 2024*   Apr 2024 – Jun 2024
- Led ideation and problem research for an app mapping smart bins and incentivizing recycling with rewards.
- Utilized AWS Rekognition to identify recyclables and provided upcycling suggestions (e.g., donating toys).
- Designed a marketplace for second-hand item exchanges, reducing waste and promoting upcycling.

JENESYS Youth Leaders Exchange, *Division A Representative*   Feb 2023
- Collaborated with teammates from across ASEAN, adapting to diverse working styles and fostering team cohesion.
- Networked with tourism industry professionals, including the Osaka Convention & Tourism Bureau and Kyoto City Tourism Association, to explore over-tourism measures, the Osaka World Expo 2025 planning, and the design of the convention mascot, MYAKU-MYAKU.
- Engaged in discussions with officials from Japan's Ministry of Foreign Affairs, gaining insights into tourism policies and event management strategies.
- Led Division A's presentation, highlighting lecture insights and a conceptualized action plan selected among five teams.

CERTIFICATIONS

EDUSAVE Merit Bursary 2024 | EDUSAVE Certificate of Academic Achievement 2024 | PCEP-30-02 - Certified Entry-Level Python | LinkedIn Learning Node.js | Google Coursera UI/UX | LinkedIn Hands-On Introduction: React | LinkedIn Building a Website with Node.JS & Express.JS | LinkedIn Create a Quick, Clean, and Cheap Website with Bootstrap Templates | LinkedIn Adobe Illustrator Certificate | LinkedIn Adobe Photoshop CC Certificate | LinkedIn Designing Accessible Components in Figma