Janya Mali

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PROFILE SUMMARY

Computer Science undergraduate skilled in **Python, Java, JavaScript, and SQL**, with experience in **full-stack development, machine learning, and data-driven systems**. Proficient in building **scalable applications** using **React, Node.js, and Docker**, and integrating **AI-powered features** through **TensorFlow and scikit-learn**. Passionate about developing **intelligent, high-performance software solutions** that bridge data and technology.

EDUCATION

Singapore University of Technology and Design   **Singapore**
Bachelor of Engineering in Computer Science and Design   **Sept 2022 to May 2026**
- SUTD-Wilmar Scholarship Holder
- Relevant coursework: *Elements of software construction, Algorithms, Information systems and programming, Databases.*

TU Berlin Summer School   **Berlin, Germany**
Course on Gaming and Augmented Reality   **July 2023 to Aug 2023**

WORK EXPERIENCES

Wilmar International Limited   **Singapore**
Application Analyst Intern   **May 2025 to Sep 2025**
- Developed and enhanced **enterprise web applications** on **SAP S/4HANA** using **Fiori, ABAP, and OData**, improving performance, scalability, and user experience for HR and IT systems.
- Implemented **dynamic UI components** with **JavaScript, XML, and CSS**, including color-coded analytics dashboards and conditional logic for data visualization.
- Researched on **SAP Joule** to evaluate applications of **generative AI, conversational analytics, and intelligent process automation** for upcoming internal projects.
- Collaborated with cross-functional teams for **QA, deployment, and documentation**, ensuring production-ready releases aligned with software development best practices.

Komax Singapore Pte. Ltd.   **Singapore**
Software Engineer Intern   **Aug 2024 to Dec 2024**
- Developed modular **Angular/TypeScript** dashboards for an internal tool, enabling real-time machine performance monitoring, predictive analytics, and optimized front-end engineering workflows.
- Improved UI/UX by implementing intuitive Figma prototypes and integrated **RESTful APIs** for real-time data handling.
- Ensured software quality using Jasmine unit tests, Angular Testbed, and RxJS for asynchronous data management, while leveraging **CI/CD pipelines** with **GitLab** and **Docker** to streamline deployments.
- Collaborated in an **Agile** and **Scrum** environment with cross-functional teams using **Jira** and **Confluence**.

ACADEMIC PROJECTS

Singapore University of Technology and Design   **Singapore**
Web Application Development for Ascenda Loyalty   **May 2024 to Aug 2024**
- Designed and developed a **full-stack hotel booking web application** using **React.js**, **Node.js**, and **MySQL**, enabling seamless end-to-end functionality from dynamic front-end interactions to robust server-side processing and data management.
- Integrated Ascenda Loyalty's **APIs** to deliver real-time data and implemented **Stripe's API** for payment processing.
- Implementated **Software Development Life Cycle (SDLC),** from planning to deployment and conducted comprehensive **unit, system,** and **integration testing** to ensure application reliability and performance.

Singapore University of Technology and Design   **Singapore**
Android App Development   **Jan 2024 to Apr 2024**
- Developed VoluntNear, an **android app** connecting beneficiaries with volunteers developed using **Android Studio**.
- Implemented user registration, task creation, and task management features with real-time updates via Firebase.
- Utilized **Java** for **full stack development**, and **Firebase** for database management.
- Applied **Object Oriented Programming** (OOP) and utilized **Data Structures** to enhance application performance.

CERTIFICATIONS

- Introduction to DevOps by IBM
- Python for Data Science, AI and Development by IBM
- Foundations of Project Management by Google
- Jira and Confluence Fundamentals by Atlassian
- AI for Industry by AI Singapore

CO-CURRICULAR ACTIVITIES

Singapore University of Technology and Design   **Singapore**
University Ambassador   **Oct 2023 to Feb 2025**

- Representing the university on and off campus, promoting its culture, motto, and events to engage with students and faculty.

SUTD IES (Institute of Engineers Singapore)   **Singapore**
Technical Lead   **Mar 2023 to Feb 2025**

- Organizing events and talks in collaboration with professionals working in the Technical Field.

ADDITIONAL INFORMATION

- **Technical Skills**: Python, RDBMS, SQL, Java, JavaScript, React, Node.js, OOP, DSA, Software Development, TensorFlow, PyTorch, scikit-learn, OpenCV, Power BI, Pandas, NumPy, C++, SDLC, Docker, Typescript, Angular, RESTAPIs, Figma, HTML, Virtual Reality, Unity, CSS, Microsoft Office Suite.
- **Extra Curriculars**: 3DC (Google Developers Club), Vice- President of Taal Indian Dance Club, SUTD floorball team.
- Represented India at the *World mental calculation, memory and speed-reading Olympics* held in Istanbul, Turkey.
- Working proficiency in English and Hindi.
- Enjoys traveling, working out, programming, and dancing.