SUDEERA DILSHAN

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In/knowsudeera

Professional Summary

Motivated and adaptable **Software Engineering graduate** with hands-on experience in full-stack development, microservices, and cybersecurity. Proven ability to design secure, scalable applications using Java, Spring Boot, React, and SQL. Completed multiple team-based projects using Agile practices. Passionate about creating innovative digital solutions and contributing to dynamic development teams.

Expertise & Skills

Programming Languages: Java, JavaScript, TypeScript, Python, C#, Flutter, C++ (Basic)
Frontend: ReactJS, NextJS, React Native, Three.js
Backend: Spring Boot, .NET Core, Node.js, Express.js, Strapi, Sanity CMS
Databases: PostgreSQL, MSSQL, MySQL, Firebase (Realtime DB)
Tools & Testing: Git, VS Code, IntelliJ, Jira, Jest, Enzyme, Selenium, Appium, Xunit, Moq
Design: Figma, Adobe Creative Suite
Networking: TCP/IP, Routing Protocols (OSPF/BGP), Subnetting, LAN/WAN Configurations

Certifications & Accreditations

Google Professional IT Support Certificate | Google | 2025
Demonstrated foundational knowledge of IT support, including troubleshooting, networking, system administration, security, and customer service.

Atlassian Agile Project Management Professional Certificate | Atlassian | 2025
The Atlassian Agile Project Management Professional Certificate demonstrates my ability to collaborate in Agile teams using tools like Jira and Confluence.

Professional Experience

Senior Postal Officer
Australia Post PDC, Whittlesea VIC
Jul 2023 – Jun 2025 | Permanent Full-Time
- Provided frontline customer support, resolving technical queries related to digital parcel tracking systems and internal logistics applications.
- Escalated system faults and service disruptions to IT support teams using structured reporting tools (internal ticketing systems).

Software Engineering Intern
Texonic Information Systems (Pvt) Ltd, Colombo, Sri Lanka.
Mar 2022 – Oct 2022 | Full-Time Internship
- Assisted the internal IT team with diagnosing and resolving bugs in internal business applications using Java and Python.
- Conducted unit testing and basic system troubleshooting during sprints, reporting issues via JIRA and participating in daily standups.
- Helped maintain RESTful APIs and monitored database integrations for backend functionality, enhancing platform reliability.
- Provided basic user training and support for internal tools used by non-technical teams, documenting FAQs and usage guides.
- Utilised Git for version control, contributing to collaborative code reviews and repository updates in both staging and production environments.
- Supported system upgrades and patches, validating updates in test environments before live deployment.

Graphic Designer
Paraqum Technologies (Pvt) Ltd, Colombo, Sri Lanka
Aug 2022 – Oct 2022 | Part-Time
- Designed promotional content for web and print using Adobe tools, while supporting digital system security through correct file formatting and asset handling.
- Collaborated with IT teams to manage file hosting, reduce load times, and ensure secure digital delivery of marketing materials.
- Participated in client briefings and created clear, responsive design solutions in line with business and accessibility requirements.

Projects

Data Scraping Blocker

Capstone Project – Software Programming & Designing | MIT   *Jun. 2023 – Jul. 2024*
Objective: Developed a data scraping blocker system for a semi-governmental Gippsland Portal to safeguard sensitive online data and improve web security.
Received Grade: Higher Distinction **Key Duties:**

- Designed interactive UI/UX wireframes using Adobe XD for the portal's admin and analytics dashboards.
- Developed backend logic using PHP and Python to detect and block suspicious scraping activity.
- Implemented SQL databases to manage user activity logs, IP filtering rules, and real-time alerts.
- integrated Power BI dashboards to visualize scraping attempts, user behaviour analytics, and performance metrics.
- Conducted regular testing, debugging, and optimization to ensure efficient data protection mechanisms.

Smart Menu System for Fit Foodies

Final Project – Software Programming & Designing | CINEC   *Oct. 2021 – Feb. 2022*
Objective: Developed a smart, centralized digital menu system for a multi-branched food chain in Sri Lanka to enhance customer experience and streamline order management. Firebase   Received Grade: Merit

Network Architecture and Design Module | MIT   *Feb. 2022 – Jul. 2022*
Objective**:** Design a network architecture for a multibranched company situated in 3 different States in Australia. and in different buildings. **Duties:**

- Developed logical and physical network topologies using industry-standard design practices.
- Created comprehensive documentation, including IP addressing schemes, topology diagrams, and network configuration files.
- Incorporated VLANs, routing protocols (OSPF/BGP), and subnetting strategies to optimize performance and scalability.

Academic Education

Bachelor of Networking Major in Software Engineering
Melbourne Institute of Technology — *Nov 2022 – Dec 2024*

ACS Professional Year
Education Centre of Australia — *Apr 2025 – Apr 2026*

Higher National Diploma in Software Engineering
CINEC, Sri Lanka — *Feb 2020 – Feb 2022*

Diploma of Graphic Designing
National Youth Centre, Sri Lanka — *Sept 2017 – Feb 2018*

Advanced Level in Maths
Isipathana College, Colombo — *Jul 2017 – Aug 2019*