SOLOMON PRABU D
SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Software Engineer with almost 3 years of experience delivering scalable applications using Python, JavaScript, and cloud-native technologies in Agile environments. Strong background in Object oriented programming, ERP systems, distributed deployment with Docker/Kubernetes, and CI/CD automation. Proven ability to adapt to new languages and technologies. Experience in efficient code writing, reviews, debugging, testing and documentations.

WORK EXPERIENCE

System Engineer | Zriya Solutions AB, Sweden   **Sep 2023 - Oct 2025**

Manage client relationships and ensure the timely delivery of high-quality consulting services.

Technical Consultant | OODU Implementers, India   **Jun 2022 - Aug 2023**

Designed and implemented tailored Odoo ERP solutions with seamless third-party integrations, improved operational workflows, and provided end-user support through requirements gathering and training.

PROJECT EXPERIENCE

Zeekrtech Europe, Gothenburg, Sweden | On-site | Consultant   **Sep 2023 – Jun 2025**

O365 Development:

- Streamlined vehicle booking & approvals, by developing Power Apps integrated with Power Automate resulting in **80% reduction** of manual work.
- Achieved significant efficiency in vehicle registration, reducing manual processing time by 75%, by engineering an **automated process** with transportstyrlesen.

Python Development:

- Developed a **time-tracking** feature in the workshop management module that improved **manpower visibility** and **time analysis**, increasing overall productivity by 30%.
- Implemented automated **part tracking** with real-time updates and threshold limits, improving inventory **accuracy** and **saving** 20% of operational time.
- Delivered enterprise solutions by developing bespoke ERP modules for Fleet Management in **Odoo** and deploying them as **containerized applications** using Docker & Kubernetes on Azure, saving **6hrs** weeky on deployments.

Testing:

- Designed and implemented automated test cases using **Selenium** and **Pytest** to validate system integrity and ensure **optimal user experience** aligned with **functional specifications**.

StylCove Modular, Coimbatore, India | On-site | Consultant   **Feb 2023 – Sep 2023**

- Automated documentation processes, saving approximately 15 hours per week, by designing and implementing customized report templates.

- Improved lead conversion rates by 40%; building a custom **CRM time-tracking** feature that enabled the measurement of time spent in each sales stage .
- Minimized approval delays by 20% and ensured **uninterrupted purchase processing** by designing and implementing robust approval workflows with integrated fallback logic.

University Projects, Bharathiar University   **Aug 2021 - Apr 2023**

- Developed an **Android**-based fitness tracking app in **Java** (Android Studio), featuring user authentication via **Google SSO**, food **API integration** to calculate macros and nutrients intake, and **Google Firebase** integration to store user data.
- Engineered an IoT-based "**Water Level Notifier**" leveraging **Ultrasonic sensor**, **NodeMCu** and **C++**; implemented real-time water level detection/alert systems via **SMS** using IFTTT.

EDUCATION

Master's in Computer Applications - 7.88 CGPA   **Aug 2021 - Apr 2023**
Bharathiar University, Coimbatore, India.
- Relevant Coursework: Advanced Software Development, Mobile/Web Applications, ML & Big Data

Bachelor's in Computer Science - 7.1 GPA   **Jun 2018 - Apr 2021**
The American College, Madurai, India.
- Relevant Coursework: Systems Design, Database Management, Software Development

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, Java, C++
- **Frontend Development:** HTML, CSS, React.js
- **Backend Development:** Odoo ERP, Node.js
- **Databases:** PostgreSQL, MySQL
- **DevOps & Cloud Platforms:** Docker, Kubernetes, Azure, Google Cloud Platform, GitLab CI/CD
- **Business & Productivity Tools:** O365, Jira, Confluence, Power Apps, Power Automate
- **Version Control:** GitLab, GitHub
- **Testing & Automation:** Selenium, Pytest.

CERTIFICATIONS

- **Google Cloud Fundamentals Core Infrastructure** - Google Cloud,Coursera, October 2025.
- **DevOps for Absolute Beginners -** Azure DevOps, Docker, Kubernetes, Jenkins, Terraform, Ansible - AWS, Azure & Google Cloud - Udemy, September 2025.
- **Programming with Python 3.x** - Skillup by Simplilearn, September 2022.
- **PHP for beginners: PDO crash course 2022** - Udemy, August 2022.
- **Introduction to Industry 4.0 & Industrial IOT** - IIT Kharagpur(NPTEL Online Cert), April 2022.

ADDITIONAL INFORMATION

- **Languages:** English (C1), Tamil (C2)
- **Leadership & Community Engagement**
  - Elected School Pupil Leader at Presentation Convent, Kodaikanal, Grades 9–10; led school-wide events and served as liaison between staff and students.
  - Participated in environmental cleanup and awareness initiatives under Special Learning Programs (SLP) in Madurai, fostering civic engagement and sustainability.
- **Personal Interests:** Recreational badminton player, Beginner violinist, Photography.