

# Swafvana KP

## Full Stack Software Developer

■ +971 55 822 5616 | ✉ swafvanakp15@gmail.com | Abu Dhabi-UAE

### Professional Summary

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Full Stack Software Developer with 3+ years of experience building web and mobile applications using React Native, Node.js, and Python/Django. Skilled in designing responsive frontend interfaces, scalable backend services, and integrating IoT solutions with MQTT protocols. Experienced in AI/ML implementation to enhance application intelligence. Strong problem-solving, collaborative, and project delivery skills. Available in UAE.

### Professional Experience

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#### Full Stack Developer | Dfact Solutions | Feb 2023 – Aug 2025

- Developed full-stack applications using React/React Native, Node.js, and Python/Django for client and internal projects.
- Designed responsive frontend UIs and interactive dashboards, ensuring excellent user experience.
- Built RESTful APIs and integrated backend services with databases for real-time data management.
- Integrated IoT devices using MQTT protocols for live data streaming and processing.
- Supported AI/ML feature integration to enhance application functionality.
- Collaborated with cross-functional teams to deliver complete software solutions on time.

#### Data Scientist Intern | Data Spark Analytics | Apr 2024 – Dec 2024

- Assisted in developing predictive analytics use cases using machine learning and statistical modeling.
- Conducted exploratory data analysis (EDA), data validation, and feature engineering on structured and unstructured datasets.
- Designed Power BI and Tableau dashboards to visualize financial KPIs and customer insights.
- Collaborated with stakeholders to translate business objectives into actionable data science workflows.
- Supported deep learning experiments (TensorFlow/PyTorch) for classification and NLP tasks.

## Education

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M.Sc. in Computer Science | University of Calicut | Sep 2023 – Mar 2025

B.Sc. in Computer Science | University of Calicut | Aug 2020 – Mar 2023

## Certifications

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Course in Data Science | Data Spark Learning | Apr 2024 – Jan 2025

NACTET Certification in Data Science | 2024

## Projects

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### Blood Group Detection Analytics Web App (2024 – 2025)

- Full-stack web application with Python/Django backend and React frontend.
- Processed and visualized large datasets with responsive UI/UX.
- Integrated predictive features for enhanced analytics.

### 3Rs Sustainability Analytics Platform (2023 – 2024)

- CMS-based platform with backend services, dashboards, and real-time analytics.
- Applied modular full-stack design practices for scalability.

## Key Skills

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- **Frontend:** React, React Native, HTML, CSS, UI/UX design
- **Backend:** Node.js, Python/Django, REST APIs
- **IoT & Protocols:** MQTT, IoT device integration
- **AI/ML Support:** Model validation, predictive analytics, Python (TensorFlow, PyTorch)
- **Databases & Tools:** SQL, PostgreSQL, Git, Power BI, Tableau
- **Development Practices:** Agile, CI/CD, Modular Design, Documentation

## Languages

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English (Fluent), Hindi (Basic), Malayalam (Native), Arabic (Intermediate)