

# SALMAN FARIS A V

+91 94463 61976 | salmanktd3@gmail.com

 salman-faris-av |  SALMAN FARIS A V |  salman.faryz  
Pattambi, Kerala - 679533, India

## PROFESSIONAL SUMMARY

Enthusiastic Computer Science Engineering student skilled in Python, C, and Java. Proficient in front-end technologies like React, Flutter, HTML, and CSS, with a strong design sense. Experienced in web and mobile app development, including back-end technologies such as Firebase and Strapi. Eager to apply my skills in both front-end and back-end development to deliver quality solutions.

## SKILLS

- Programming Languages
- REST APIs
- Test driven development
- Web Development
- Git
- Creativity
- Flutter Development
- Graphic Designing
- Flexibility
- Database Management
- Leadership
- Teamwork

## EXPERIENCE

- **Web Development Intern** Jan 2022 - Feb 2022  
*StartKey Solutions* Trissur, Kerala
  - Maintained core web services and wrote efficient code using best practices.
  - Collaborated with developers to learn and create a website, focusing on educational growth rather than client-facing projects.
- **Flutter Intern** Dec 2024 - Mar 2025  
*Karippal Innovations* Trissur, Kerala
  - Collaborating on building and maintaining mobile applications, focusing on UI/UX design, feature implementation, and bug fixes for both new and existing projects.
  - Managing client requests, project timelines, and backend server integrations to ensure seamless app performance and client satisfaction.
- **Software Development Engineer** May 2025 - Present  
*Servespace* Bangalore, Karnataka
  - Engineers scalable, cross-platform mobile applications using Flutter/Dart, strictly implementing Clean Architecture and modular design for enhanced code maintainability and feature velocity.
  - Orchestrates complex server integration, designing and implementing robust middleware logic to manage secure data synchronization and optimize RESTful API communication.
  - Manages the full application lifecycle, overseeing rigorous unit/widget testing, version control (Git), and the successful CI/CD releases to Web, Google Play and Apple App Stores.
  - Drives app stability and user engagement by resolving critical bugs and leveraging analytics tracking to inform feature prioritization and execute data-backed performance optimizations.

## PROJECTS

- **HMS (Hotel Management System): [Web Development]** Aug 2023 - Dec 2023
  - Developed a Hotel Management System website utilizing React and Firebase, showcasing proficiency in database management systems.
  - Hosted the website at <https://dbms-hms.web.app/> to demonstrate functionality and implementation.
- **Emergency Response Network: [Mini Project]** Jan 2024 - May 2024
  - Designed an App using Flutter, leveraging motion sensor data for accident detection and real-time signal transmission to nearest responders.
  - Demonstrated advanced database management skills while improving efficiency.
- **Restaurant Menu App: [Flutter Development]** Dec 2024 - Jan 2025
  - Developed a Flutter-based app with a Strapi backend, emphasizing an intuitive UI/UX to enhance customer engagement.
  - Unique features include health-conscious recommendations tailored to user preferences.
- **Automated Exam Paper Evaluation: [Main Project]** Aug 2024 - Apr 2025
  - Developed an AI-powered system to automate handwritten exam paper evaluation using OCR and NLP techniques for semantic answer assessment.
  - Implemented handwriting recognition using DTrOCR and integrated GPT-based models for accurate, context-aware grading and feedback generation.

## EDUCATION

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- **Sreepathy Institute of Management and Technology (SIMAT)** *Dec 2021 - Mar 2025*  
Vavanoor, Palakkad  
*Bachelor of Technology in Computer Science And Engineering*
  - CGPA: 7.62/10
- **Govt. Higher Secondary School Chathanur** *Jun 2019 - Apr 2021*  
Chathanur, Palakkad  
*Pre-University Education*
  - Grade: 83%

## CERTIFICATIONS

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- **IEEE XTREME 16.0** *Oct 2022*
  - Participated in 24 hrs coding competition and secured around 2000 rank globally.
- **NPTEL - PROBLEM SOLVING THROUGH PROGRAMMING IN C** *Jan 2023 - Apr 2023*
- **NPTEL - JOY OF COMPUTING USING PYTHON** *Jan 2024 - Apr 2024*
  - Certified in C and Python programming through a 12-week course by NPTEL, with successful completion of examinations.

## ACHIEVEMENTS

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- **InApp Innovate Hackathon 2025** *Jan 2025*
  - Achieved **First Place** in a 30-hour hackathon organized by InApp in collaboration with IEEE Kerala Young Professionals.
  - Developed an Early Epilepsy Prediction and Alerting System using EEG monitoring.
- **Tech Pulse Hackathon 2025** *Feb 2025*
  - **Winner ("Beyond Experience" Category)** of the 48-hour hackathon organized by ULTS, ULCCS at UL Cyber Park, Kozhikkod.
  - Recognized for excellence in UI/UX design and technology implementation for KisanX, an AI-driven smart farming app that provides an end-to-end solution for urban farmers.

## PUBLICATIONS

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- **Emergency Response Network Using Motion Sensors & Adaptive Location-Based Power Management** *Jan 2025*
  - Published in the proceedings of CEMC2024, organized by IDES and Grenze Scientific Society.
  - The paper introduces a mobile application (ERN) that leverages motion sensors, GPS tracking, and communication technologies to detect accidents automatically and alert nearby certified first responders, bridging the gap between incident occurrence and professional medical care.

## REFERENCES

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1. **Ms. Sreeshma K Unnikrishnan**  
Associate Professor, Dept of CSE  
Sreepathy Institute of Management And Technology  
Vavanoor, Palakkad -679533, Kerala  
Email: sreeshma.k@simat.ac.in
2. **Mr. Sreeraj Karippala**  
Founder & CEO,  
Karippal Innovations  
Thrissur, Kerala  
Email: sreerajkarippala@gmail.com