

Shadil C

Software Engineer | Ruby on Rails | React.js | Full-Stack Developer

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PROFILE

Full-Stack Software Engineer with 4+ years of experience in **Ruby on Rails**, **React.js** and **RESTful API development**, building scalable and secure web applications. Proven expertise in **payment gateway integrations**, **microservices**, and **cloud-based systems**, with a strong track record of improving performance, reliability, and team productivity. Skilled in **mentorship**, **agile development**, and **cross-functional collaboration**, eager to drive innovation in **scalable technology environments**.

CORE COMPETENCIES

- Full-Stack Development (Ruby on Rails, React.js, JavaScript)
- API Design & Integration (RESTful APIs, OAuth 2.0, Payment Gateways)
- Database Management (MySQL, PostgreSQL, MariaDB)
- Cloud & DevOps (Docker, CI/CD, GitHub Actions, JIRA)
- Software Engineering Practices (Agile, TDD, RSpec, Code Reviews)
- System Design, Scalability & Performance Optimization
- Microservices, SaaS, API Gateway
- Client Solutions, Customization & Technical Support
- Mentorship & Team Collaboration

PROFESSIONAL EXPERIENCE

Software Engineer

2021 – present | Bangalore, India

Foradian Technologies

- Engineered integration of **BFS Secure Payment Gateway** and **Transactease Payment Gateway** into the Fedena ERP system, ensuring **PCI compliance** and secure financial transactions.
- Built an **Electron.js desktop application** for biometric attendance collection, integrated with Fedena for **real-time synchronization**.
- Migrated **Zoom API authentication from JWT to OAuth 2.0**, improving integration efficiency by **20%** and ensuring compliance with updated security protocols.
- Designed and maintained **microservices-based architecture** for Fedena modules, improving scalability and supporting distributed systems.
- Developed **RESTful APIs** for Fconnect (Ruby on Rails backend), powering **all Fedena mobile modules** (Gradebook, Attendance, Notifications).
- Collaborated with international clients and distributed teams across time zones, delivering secure and scalable fintech solutions.

- Diagnosed and resolved **100+ API and product bugs**, improving stability and reducing downtime.
- Collaborated with QA teams, leading to a **30% reduction in code defects** and faster releases.
- Mentored **5+ junior developers**, increasing team productivity by **25%** and improving onboarding efficiency.
- Delivered multiple **client-specific customizations**, streamlining workflows and enhancing reporting for enterprise customers.

PROJECTS

Soul Erp 2024 – present

- Architected a **multi-tenant Educational ERP platform** using Ruby on Rails with 15+ interconnected data models.
- Designed and implemented **role-based authentication** for administrators, trainers, and participants.
- Developed a scalable **assessment management module** with dynamic question sets, automated grading, and instant analytics.
- **Tech Stack:** Ruby on Rails, PostgreSQL

TensorFace Emoji Engine 2019 – 2019

- Built an **emoji generation engine** using **OpenCV** (face detection) and **TensorFlow** (deep learning embeddings).
- Implemented backend in **Python** and frontend rendering in **JavaScript**.
- **Tech Stack:** Python, TensorFlow, OpenCV, JavaScript

TECHNICAL SKILLS

- **Languages:** Ruby
- **Frameworks:** Ruby on Rails, React.js
- **Web Technologies:** HTML, CSS, JavaScript
- **Databases:** MySQL, PostgreSQL, MariaDB
- **Cloud & DevOps:** Docker, CI/CD Pipelines, GitHub Actions
- **Testing:** RSpec, Unit & Integration Testing
- **Tools:** Git, GitHub, JIRA

EDUCATION

Bachelor of Technology in Computer Science 2015 – 2019 | Kasaragod, India

*LBS College Of Engineering , APJ Abdul Kalam
Technological University*