

Job Title: Sr. Backend Developer

Organization: 3i Consulting Pvt. Ltd.

Location: Lucknow, Varanasi (Preferred)

Experience: Minimum 4 years

Type: Full-time / Contract (Project-based: 4–6 months)

About 3i Consulting Pvt. Ltd.

3i Consulting is a rapidly growing advisory and product development firm operating at the intersection of **artificial intelligence**, **digital governance**, and **public sector transformation**. We specialize in designing next-generation AI-driven systems tailored to India's unique governance, policy, and administrative contexts — with deep domain work across **agriculture**, **education**, **welfare**, and **e-governance**.

About the Project – FarmerPay

FarmerPay is a full-stack rural fintech and traceability platform built for India's marginal farmers, dairy producers, fishers, and more. We integrate **OCEN**, **Account Aggregator**, **Bhashini**, and **UPI** infrastructure to offer seamless credit, insurance, and subsidy access — while building inclusive digital profiles and livelihood networks.

Key Responsibilities

- Build scalable and modular backend services using **Node.js / Express**
- Design RESTful and event-driven APIs for modules like onboarding, profiling, credit, insurance, and analytics

- Integrate 3rd-party APIs like **OCEN, Jan Samarth, UPI Autopay, Account Aggregator, Bhashini, Aadhaar eKYC, SHC (Soil Health Card)**, etc.
 - Implement secure user authentication (JWT/OAuth2) and role-based access control
 - Work with SQL/NoSQL DBs (PostgreSQL, MySQL, MongoDB)
 - Collaborate with frontend, DevOps, and product teams to deliver features aligned with farmer use cases
 - Ensure scalability and performance tuning for high-concurrency, low-bandwidth environments
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Required Skills & Experience

- **3–5 years** of backend experience in production systems
 - Strong understanding of **system design**, API contracts, and integrations
 - Excellent problem-solving skills and documentation ability
 - Passion to work on Bharat-scale, high-impact technology
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Tech Stack:

- **Languages:** Node.js (preferred), Python (optional)
 - **Frameworks:** Express.js / NestJS
 - **Database:** PostgreSQL / MySQL / MongoDB
 - **APIs:** REST (OpenAPI spec), async jobs, 3rd-party integrations
 - **Infra:** Docker, Git, CI/CD, AWS/DigitalOcean/NIC servers
 - **Security:** JWT, OAuth2, encryption-at-rest, rate limiting
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☀ Preferred (Nice to Have)

1. **Digital Public Infrastructure (DPI)** platforms like:
 - **OCEN (Open Credit Enablement Network)**
 - **ONDC (Open Network for Digital Commerce)**
 - **Beckn Protocol**
 - **Account Aggregator Framework (Sahamati)**
 - **Aadhar eKYC, DigiLocker, MyScheme, etc.**
 2. Rural/AgriTech, Financial Inclusion, or GovTech domains
 3. Message brokers (Kafka, RabbitMQ), microservices, or serverless (optional)
 4. Past work on **government tech, DPGs**, or public sector SaaS platforms
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✉ Application Process

Send your resume, GitHub/LinkedIn profile, and a short note on any DPI/Open infra you've worked on:

✉ careers@3iconsulting.in

Subject: Application – Blockchain Engineer (Ethereum) – Matsya-Chakra