

# AKHILESH SONI

Backend Developer

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## PROFESSIONAL SUMMARY

Backend Developer with 3+ years of experience building scalable e-commerce, EdTech, and AI-powered mobile applications. Proficient in Node.js, Express, MongoDB, and AWS with expertise in payment integrations, real-time systems, authentication, and API development. Led backend development for multiple live applications with 10,000+ users.

## PROFESSIONAL EXPERIENCE

### EasyRyt

#### Backend Developer (Remote)

March 2023 – Present

- Developed and maintained backend systems for e-commerce and AI-based mobile applications using Node.js, Express, and AWS
- Integrated OpenAI API, Seedreams AI, Razorpay, Square, Stripe, and Cloudinary for enhanced functionality
- Built secure authentication systems, role-based access control, real-time chat, subscription engines, and wallet logic
- Led backend development for multiple live apps under EasyRyt Labs' Google Play developer account

### FunctionUp

#### Backend Developer Trainee

November 2022 – March 2023

- Built projects using Node.js, Express.js, MongoDB, and AWS fundamentals
- Worked on URL shortener, e-commerce APIs, authentication systems, payment integrations with Stripe, ExcelJS data processing, and Cloudinary media management

## KEY PROJECTS

### Margyn for Seller - AI-first Seller Toolkit

Node.js | Express | MongoDB | Socket.IO | AWS EC2 | Seedreams AI

- Engineered full backend with seller calculators, wallet/credits system, subscriptions, image workflows, and verified-lead system
- Integrated Seedreams/ByteDance AI for background removal, enhancement, variations, and product image generation
- Implemented real-time buyer-seller lead claiming with atomic credit deduction using Socket.IO
- Designed schemas for wallets, leads, credit transactions, subscriptions, chats, and image jobs with comprehensive audit logging

### Z App - EdTech & School/Tuition Platform

Node.js | Express | MongoDB | Razorpay | Cloudinary | AWS EC2

- Built student, teacher, and parent dashboards with attendance tracking, tests, results, analytics, PTMs, and content modules
- Integrated Razorpay for payments with webhook verification and complete transaction lifecycle management
- Designed schemas for classes, attendance, tests, results, materials, and academic workflows
- Deployed and secured the platform on AWS EC2 with Nginx and PM2 for production stability

### upClass - Multi-Tenant SaaS Platform

Node.js | Express | MongoDB | Razorpay | AWS EC2

- Architected multi-tenant SaaS system with Admin, Owner, Vendor/Teacher (white-label), and Student panels
- Built vendor white-label portals supporting custom branding, landing pages, and independent login flows
- Added course management, attendance, exams, results, analytics, CMS, subscriptions, and automated Razorpay billing
- Implemented multi-tenant data separation with secure RBAC and optimized deployment pipelines

### PulseAdvi - Mobile App Install Ad Platform

Node.js | Express | MongoDB | JWT | OpenAI | Fast2SMS | AWS EC2

- Developed complete ad platform where advertisers run app-install campaigns funded by wallet top-ups
- Integrated OpenAI agent for AI-powered install verification and review analysis
- Added Fast2SMS for real-time alerts, points system, wallet transactions, and approval workflows
- Built schemas for campaigns, wallets, SMS logs, analytics, users, points, and admin controls

### AI-powered NotaAI App

Node.js | OpenAI API | MongoDB

- Built AI-driven mobile app for smart notes, OCR, chat, and text utilities using OpenAI models
- Implemented secure email login, restore/delete logic, and optimized data management workflows

## TECHNICAL SKILLS

### Backend & Languages

JavaScript (ES6+), Node.js, Express.js, REST APIs, Microservices, Socket.IO

### AI & Automation

OpenAI API, Seedreams AI, ByteDance AI, groq AI Agents

### Databases & Caching

MongoDB, Mongoose, Redis

### Cloud & DevOps

AWS (EC2, S3), Cloudinary, Docker, CI/CD (GitHub Actions), PM2, Nginx, Linux

### Authentication & Security

JWT, RBAC, OAuth, Secure Auth Systems

### Tools & APIs

Git, Postman, VS Code, ExcelJS, Fast2SMS, Nodemailer

### Payment Integrations

Razorpay, Stripe, Square, Wallets, Subscriptions, Webhooks

## EDUCATION

### Siddharth University

Bachelor of Science (B.Sc.) in Physics

2016 – 2022 | 52.02%

### M U Chaudhary Intermediate College

Intermediate

2015 – 2016 | 80.40%

## ACHIEVEMENTS

- Solved 100+ problems on LeetCode
- Led backend development for multiple live mobile applications

## LANGUAGES

English: Conversational

Hindi: Native/Fluent