EDITION

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iTechnoSol Inc.

PROJECT OVERVIEW

Royalty and payout engine for a maritime e-book publisher

Each sale is split into gateway fee, GST, royalty, TDS and author payout, with ledgers and monthly statements on the web.



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CLIENT

A maritime publisher selling e-books online

INDUSTRY

News and media

PLATFORMS

Web

THE REQUIREMENT

The publisher sells e-books through several payment gateways and currencies, often with several authors, a co-publisher or a bundle per sale. Each sale carries gateway fees, GST, a platform royalty, publisher shares and, for Indian authors, tax deducted at source. Working out payouts by hand was slow and error-prone.

WHAT WE BUILT

We built a royalty engine that pulls sales from the Easy Digital Downloads API and identifies the title or bundle, format, gateway and currency. Masters for authors, publishers, e-books, bundles, currencies and gateways hold the rules. Ledgers, monthly statements and dashboards for admin, authors and publishers sit on top.

THE OUTCOME

Each sale is split automatically into gateway fee, GST, platform royalty, publisher share, TDS and net author payout. Authors and publishers log in to see their own sales, download monthly statements and get an email when they are paid.

CLIENT PROJECT

What it does

In short: every sale split and paid out automatically.

Sales import

Sales arrive from the Easy Digital Downloads API and are matched to a title or bundle, format, gateway and currency.

Multi-author and bundle rules

Co-authors split equally by default, and bundles split revenue across titles by set percentages.

Currency and gateway masters

Exchange rates and fee percentages per gateway are held as rules the team controls.

Three dashboards

Admins see sales, payouts and platform revenue; authors and publishers see only their own earnings.

Revenue split per sale

Gross revenue minus gateway fee, GST, platform royalty, publisher share and TDS gives the net author payout.

TDS handling

Tax is deducted for Indian authors and not for foreign authors, with a manual override and TDS history.

Ledgers

Each author and publisher has a ledger of credits and deductions, filterable and exportable to PDF or Excel.

Statements and payment emails

Monthly payout statements to download, and an automatic email when a payment is made.

BUILT WITH

React · Node.js · Express.js · MongoDB · Easy Digital Downloads API · Stripe · PayPal · Razorpay · AWS · GitHub Actions · Git

PLATFORMS

Web

SERVICES

- Custom software development
- Web application development
- Workflow automation

WORKING WITH US

How a project runs

The same four stages for every project, with working software early and the option to stop after any stage.

STAGE 1

Audit

We map the current process and agree on a first release.

STAGE 2

Trial

A working version on your data before the full build.

STAGE 3

Build

Weekly working demos, integrated with your systems.

STAGE 4

Go live

Rollout to one team, then company-wide.

INCLUDED IN EVERY QUOTATION

- Written scope with dated milestones
- Testing before delivery
- Documentation for your team
- Weekly working demo
- Code in your repository from day one
- Free bug fixes in the warranty period after launch

OUR PROMISES

- **NDA before anything**
- **You own all the code**
- **Your first call is with a founder**

Planning something similar?

Send us a few lines about your project. A founder replies within 4 business hours with an indicative cost and timeline, free and with no obligation.

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