

Launch a Smarter Rental Marketplace with Generative AI on AWS

Why Modernise Short-Term Rentals?

Short-term rental marketplaces depend on supply and trust: owners must be able to list and price properties quickly, and guests must feel safe booking and paying. When listings are slow to create, pricing is guesswork and operations run on spreadsheets and messages, hosts give up, guests hesitate and the platform cannot scale.

By building on AWS, RentAHome gets AI-written listings, AI price suggestions, a guest assistant and AI-assisted trust and safety — all powered by Amazon Bedrock, hosted in Singapore for PDPA alignment, and governed so that people, not models, make the final decisions.



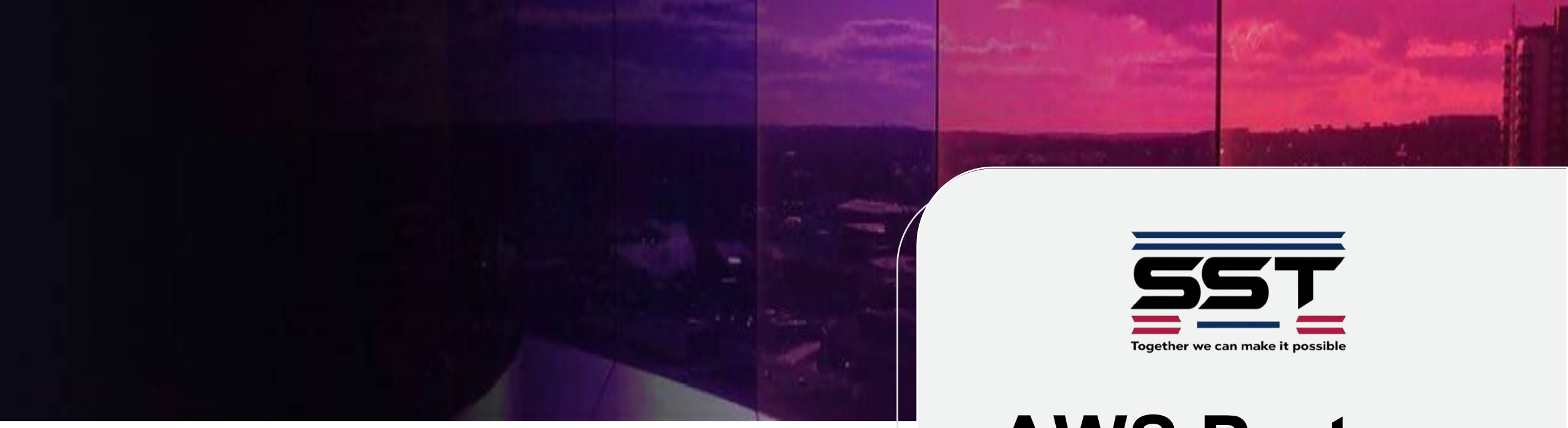
Benefits

- **List a Property in Minutes —**
  The AI Listing Builder reads the host's photos and drafts a title, description and highlights using only what the property really offers.
- **Price Every Night with Confidence —**
  AI suggestions show which nights to raise or lower and by how much; the host applies them in one click.
- **Trust on Both Sides —**
  Verified accounts, reviewed listings, protected addresses, secure card payments and AI fraud screening with human review.
- **Run the Whole Marketplace in One Place —**
  Approvals, cancellations, refunds, disputes, vendor jobs and monthly payouts managed from one admin portal.

The comprehensive path to an AI-powered marketplace

Amazon Web Services provides RentAHome with a secure, scalable cloud foundation in the Asia Pacific (Singapore) Region — a private VPC, IAM-based access control, Amazon SES and SNS for verification, and managed access to Anthropic Claude models through Amazon Bedrock, without maintaining AI infrastructure.

Combined with a guarded listing-draft pipeline, fraud risk scoring and a dispute-aware payout engine, RentAHome gets a trusted, AI-powered marketplace that is ready to grow across Southeast Asia.



Comprehensive Capabilities for Rental Marketplaces

- **Guest and Host Portals** –
  Search with maps, filters and plain language; secure checkout; a 7-step listing wizard, calendar and pricing, reservations, messages, earnings and insights.
- **Generative AI on Amazon Bedrock** –
  AI Listing Builder, AI price suggestions, Stay AI assistant and price-drop alerts, each with guardrails and a non-AI fallback.
- **Trust and Safety** –
  Email and SMS verification, listing approval, AI fraud scoring, AI review moderation, and disputes with evidence and invoices.
- **Operations and Vendors** –
  Monthly payouts, refunds, finance ledger, campaigns and coupons, plus an invitation-only vendor portal for cleaning and maintenance.

Resources

AWS Services Powering RentAHome

- **Amazon Bedrock:** https://aws.amazon.com/bedrock/
- **Amazon SES:** https://aws.amazon.com/ses/
- **Amazon SNS:** https://aws.amazon.com/sns/
- **Amazon S3:** https://aws.amazon.com/s3/
- **Amazon VPC:** https://aws.amazon.com/vpc/
- **AWS IAM:** https://aws.amazon.com/iam/

RentAHome Platform

An AWS-hosted short-term rental marketplace for Southeast Asia, with Guest, Host, Vendor and Admin portals, generative AI features built on Amazon Bedrock, secure payments and a monthly host payout cycle.

Modules: Guest Portal, Host Portal, AI Listing Builder, AI Pricing, Stay AI Assistant, Trust & Safety, Admin & Operations, Vendor Portal.

https://dev.rentahome.ai/

Together we can make it possible

AWS Partner Promotion

Shri Sai Tech's AI-Powered Rental Marketplace Solution on AWS helps property businesses launch and run a short-term rental marketplace — guests, hosts, service vendors and operations — on one secure AWS cloud foundation.

Hosts upload photos and an AI Listing Builder on Amazon Bedrock drafts the listing, mentioning only real amenities and verified nearby places. AI price suggestions help hosts price every night, and the Stay AI assistant helps guests search in plain language.

AI supports people rather than replacing them: hosts approve every listing draft and price change, fraud flags and review violations go to a person to decide, and inference stays in the customer's AWS account and region.

Marketplaces benefit from faster host onboarding, better pricing, built-in trust and one place to manage payouts, refunds, disputes and services.

Ready to launch your rental marketplace? Contact Shri Sai Tech to see RentAHome in action.

Call to Action

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