#Legacy Modernisation

tripninja

We completely revamped the complicated legacy application of Trip Ninja & facilitate migration to a better platform.

About The Client

Trip Ninja is a comprehensive solution for all the necessary trip requirements. The algorithms of this company do all the heavy lifting and present the best possible quotation for the desired travel destination. The users have the option to research and choose the best among the presented options. Trip Ninja makes sure that its customers receive the best deal possible.

Introduction to Engagement

As Trip Ninja puts in considerable effort and delivers the best prices for its customers, it is mandatory for it to utilize cutting-edge technologies and contemporary tools. Otherwise, the company's entire objective would fall apart. To support its ambitions, we modernized the legacy platforms of Trip Ninja and equipped them with innovative solutions further making it reach unbelievable heights.

Background

Trip Ninja aimed to reduce the time taken while switching between different platforms and then finding the best possible quotation for travel. It wanted its web and mobile applications to be user-friendly and engaging. Trip Ninja understood that customers will leave their apps within no time if they toughen the user journey. Hence, they came up with the following objectives in mind.

- Modernization without Disrupting Business.
- Scaling of Business in Minimal Costs.
- Bug-Free Legacy Platform.
- Real-Time Synchronisation.

Legacy Modernisation Plan

We conducted one-on-one sessions and group discussions to comprehend the unique business objectives of Trip Ninja.

We understood the objectives of Trip Ninja through various sessions conducted by our teams. We accordingly proceeded with the legacy modernization plan. We ensured real-time synchronization during the entire revamping process. Our strategies enabled us to make the changes without disrupting the business of Trip Ninja and that's exactly what it wanted.

We removed the complexities in the existing platform and made it completely bug-free. Now, Trip Ninja could reduce the SLA for the redressal of any business issue. We enabled Trip Ninja to scale its business without causing any effect on platform performance during frequent hikes in traffic.

Solutions Delivered

Our digital engineering experiences and skills made Trip Ninja choose Copperchips.

AWS Migration

We enabled end-to-end AWS migration for Trip Ninja. We replaced their monolithic application services with novel microservices-based architecture.

Real-Time Synchronisation

To ensure business continuity and no business loss, we at Copperchips ensured real-time synchronization during the entire revamping up process.

Recoding in Java

We recoded all the existing modules of Trip Ninja in Java and seamlessly converted the modules into microservices in the AWS cloud setup.

One-Page Application Architecture

We replaced the legacy applications with one-page application architecture on the front-end for providing an enhanced user experience.

Enabled Cost-Saving

We enabled cost-saving for Trip Ninja by utilizing Kubernetes for automating deployment, scaling, and management of containerized applications.
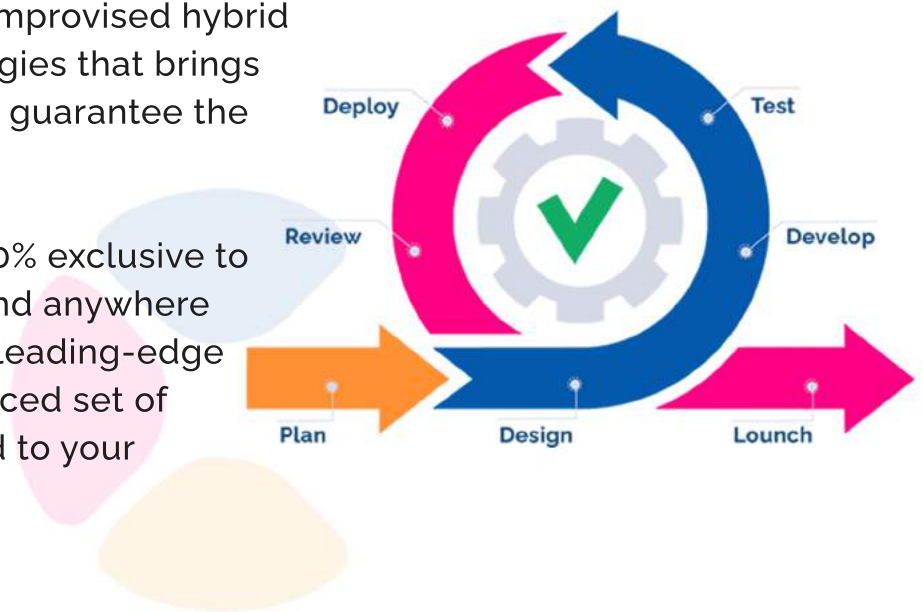
Minimal Testing Efforts

We minimized the manual testing efforts of Trip Ninja by automating unit tests, integration tests, and sanity tests. This also enabled us to optimize costs.

Introducing **BLENDED AGILE METHODOLOGY© (BAM)**

Through our innovations, we have devised a totally revolutionary methodology which we have proudly named Blended Agile Methodology (BAM).

BAM helps empower your projects. The Blended Agile Methodology is a uniquely improvised hybrid mix of Kanban & Agile methodologies that brings about the good of both worlds to guarantee the most optimum results.

Blended Agile Methodology is 100% exclusive to our company and is not to be found anywhere else. We incorporate the utmost leading-edge technologies to provide an enhanced set of services that are uniquely tailored to your business needs.

Deploy — Test — Develop — Lounch — Design — Plan — Review

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