



TECHNICAL SKILLS 2023

WEB APPLICATIONS | MOBILE APPS | SERVERS & HOSTING

INTRODUCTION

This document presents a high-end level of Technical skills available to the Trinity Development Team as at January 2023. These include industry-standard frameworks and build tools that are shaping the IT departments of various organizations.

PROG. LANGUAGES

Our core development team is made up of **PHP, C#, Python (Web and Machine Learning), NodeJS, ReactJS, VueJS (JavaScript)** developers with different experience levels.

FRAMEWORKS

Laravel with VueJS, (NuxtJS) and MySQL HTML5/CSS(SAAS) Bootstrap & JavaScript ASP.NET Core 3.0/MVC APIs, Blazor, Angular MEAN Stack. WordPress Development

WEB APPLICATIONS DEVELOPMENT

LARAVEL | ASP.NET CORE/MVC | MYSQL | MONGODB | VUEJS | NODEJS | REACT/SPRING BOOT

Trinity Software Center has a great command over Web Application Development using their core PHP backend framework Laravel together with frontend frameworks like VueJS and Bootstrap. Some experience developers also have C# (.NET Core and MVC) for building web applications if customers have their own specifications. **MongoDB, MySQL and MSSQL** are the main database technologies that are used in building web applications. *Restful APIs are also built in NodeJS, PHP and C#.*

MOBILE APPLICATION DEVELOPMENT

ANDROID (JAVA) | FLUTTER (ANDROID/IOS)

We have developers to build android apps with JAVA. We are currently advancing in the use of Flutter to build crossplatform mobile app that can run on both android and IOS. We have just release our own SaaS mobile app SKUUNI with Flutter and we hope to advance further in this direction of cross-platform apps.

SERVERS AND HOSTING

VPS | CPANELS | SHARED HOSTING | SSL | CENTOS/UBUNTU

Trinity has personnel who have solid understanding in Virtual Private Servers, Shared Hosting, SSL/SSH Technologies and the security architecture of how applications are hosted both on private and public cloud infrastructure. We have experience in WHMs, Cpanels, etc. We do manage large-scale applications using latest security and privacy protocols.

QUALITY ASSURANCE & DEVOPS APPROACH

Not only do our engineers build and host applications, all our developers have the required skills needed in building, testing and deploying applications on Azure, AWS or private cloud etc. With tools available to us like *git*, *bit bucket/GitHub*, *Source Tree*, etc., developers after building applications follow the DevOps approach so that there is seamless testing and deployment. In particular, we use *Selenium* to do User Interface Testing, Jest for JavaScript test cases and *Postman* for API testing. Some of our engineers are well versed in Micro service architecture and are using in their DevOps for our customers in the Netherlands.

CERTIFIED SCRUM DEVELOPERS/VIRTUAL SCRUM TEAMS

Because of the way and manner software projects have failed in the past following the traditional Software Development Life Cycle (SDLC, Waterfall Approach), Trinity has adopted an agile way of working and as such implements SCRUM in managing software applications. This has an added advantage to easily changing scope, adjust deliverable and to keep project and stakeholders coordinated to avoid any surprises after spending several months developing a software product. We have Certified SCRUM masters and developers from EXIN, an international organization issuing certificates for SCRUM developers and actors. We can work independently or join your team of developers abroad to form a Virtual SCRUM team capable of developing cutting edge applications and apps.