# DAVID RILEY

# Full Stack Net Developer

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## **EDUCATION**

Bachelor degree

## **Texas State University**

iii April 2010 - April 2014

# SKILLS

# **Game Development**

- Unity
- MMORPG
- **PHOTON**
- **RPG**
- Card Games
- AR/VR
- **METAVERSE**

#### **Front End**

- HTML/CSS/JavaScript/Bootstrap
- Angular/Angular.JS
- Blazor
- React.JS
- Vue.JS
- TypeScript
- Redux/Ngrx/Vuex

#### **CSS Frameworks**

- Ant Design
- Bootstrap
- Material UI
- Tailwind CSS

#### SUMMARY

8+ years of experience in Software Application Development. Application development using with C#, WCF, WPF and Winforms. Expert at Frontend frameworks such as React, Angular and Vue.JS. Good Knowledge to web Technologies: ASP.NET, Node.JS, ASP.NET core. Experience with Trello, Github/GitLab, Azure DevOps, Agile and CI/CD. Ability to learn & develop using new technologies quickly. Highly motivated, quick learning team player with good technical skills. Working individually and contributing with in team. Coordinating with the team and with client.

## WORK EXPERIENCE

# Full Stack Developer

#### Tesora International

- iii | Jul 2021 Dec 2022
  - Remote • Developed frontend using React and admin-panel using Angular.
  - Used Redux(Thunk) and Ngrx for the flex pattern and selected styled components and Material UI for styling.
  - Implemented mint, transfer logic with Smart contract base on ERC721 with Solidity using Truffle.
  - Create database endpoints using Asp.net Core Web API and PostgreSQL hosted on the AWS.
  - Use FluentValidation, Cronos, Nethereum and Swashbuckle packages for backend development.
  - Hosted backend using AWS Elastic Beanstalk and set CI/CD on the Azure DevOps.
  - Implemented SSO using own company's third party API and used OpenId nuget package for authication.
  - Using IPFS and infra for NFT minting.
  - Implemented auction, bid, create and offer login in backend.

# Full Stack Developer

#### TePe USA

- m Nov 2019 Jun 2021
  - Used React JS for creating reusable UI components and have chosen Material UI for CSS styling.

Remote

- Implemented Auth0 and html2canvas package for the frontend.
- Created Menus and Drawer component by using Typescript.
- Analyzed code quality and performance with jsHint and YSlow.
- Frontend project hosting using DigitalOcean and set CI/CD on the Azure DevOps.
- Used MS SQL Server and EF 3.1.5 for database management.
- Choosed Repository pattern for development.
- Used AutoMapper Nuget packaget to match Model and ViewModel.
- Implemented Swashbuckle nuget package for SwaggerUI for API endpoints using Asp.Net Core Web API.

#### **Database**

- Firebase
- MS SQL Server
- Mongo DB
- MySQL
- Oracle
- PostgreSQL
- SQLite

#### Server Side

- ASP.NFT
- ASP.NFT Core
- ASP.NET Web API
- ASP.NET MVC
- Blazor Server App

#### Blockchain

- Smart Contracts
- Web3
- NFT
- ERC20
- ERC721
- ERC1155
- Solidity
- Rust

#### CI/CD

- AWS Service
- Azure DevOps
- Bitbucket
- Docker
- Jira
- Github
- Gitlab
- GCP
- Trello

#### **Azure Services**

- RDS
- Functions
- Managed SQL
- Azure Storage
- Azure Backup
- Azure Active Directory
- Azure Monitor
- Notification Hub

# ASP.NET Core Developer

#### Let's Use Data

- Remote
- Developed frontend with using Angular, Html/CSS, JQuery and Bootstrap.
- Developed backend using ASP.NET core and use Entity framework for database control.
- Developed many compliers using C# like C# compiler, Excel compiler, Java Complier and so on.
- Implementd CI/CD on the Azure DevOps and used OpenId and Microsoft, Google SSO with JWT token.
- Used Entity framework core for database control and use SwashBuckle, FluentValidation, AutoMapper Nuget packages.
- Implementd Domain Driven Design Pattern and SendGrid, Twilio SMS services.

# ASP.NET Core Developer

## **Bell Boy System**

- m Apr 2015 Feb 2017
- Remote
- Developed frontend using Angular, HTML/CSS/JavaScript and processed request and response with using ajax.
- Used code-first design pattern and EF6.0, Firebase, MS SQL Server for database management.
- Implemented real time chat server for chat and used MVVM pattern for backend development.
- Used repository pattern for backend development and created more than 10 services.
- Used Twilio, Smtp nuget package for client service and swashbuckle package for API development.
- Set CI/CD pipeline to the Azure DevOps and follow the SDLC.
- Integrated Payment process with bank account.
- Used Repository pattern and SDLC for development and xUnit, nUnit for test cases.

# **NET Developer**

# **Dorm Mom**

- iii Sep 2014 Feb 2015
- Remote
- Developed frontend with using Angular, Html/CSS/Bootstrap and JQuery and all API requests are called by Ajax.
- Use MySQL server for database and wrote code for database design
- Developed backend using Asp.Net core with .Net version 5.1.
- Integrated payment processing such as Paypal, Stripe.
- Use Azure DevOps for development and use github for source control.
- Implemented SSO such as google auth, facebook oauth, apple auth and twitter auth.
- Use Entity framework core for database control.
- Use Mailchimp and SendGrid for client's performance.
- Upgrade .Net Versions and nuget packages.

- HDInsight
- CosmoDB
- PostgreSQL
- SQL Elastic Database Pools
- Application Gateway
- API Gateway
- Azure Key Vault
- Powershell
- JSON

# **Nuget Package**

- AutoMapper
- Cronos
- FluentValidation
- NUnit
- Ling
- Nethereum
- Swashbuckle
- JwtBearer
- OpenIdConnect
- Npgsql
- EntityFramework
- EntityFramework Core
- LiteDB
- MongoDB
- Stripe
- SendGrid
- GoogleMaps API
- Twilio
- Open ID
- SSO

### PERSONAL PROJECTS

# Virtual Business Center

# **Unity Game Developer**

- i Sep 2021 Dec 2022
  - Made using Unity 3D.
  - Used PUN 2, Photon Chat, Playfab for multiplayer.
  - Played Youtube video dynamically.
  - http://exhibition-server.s3-website.ap-south-1.amazonaws.com/

# Tesora International

## Full Stack Developer

- iii Jul 2021 Dec 2022
  - https://nftapplication.api.mycom.world/swagger/index.html
  - http://nftapplicationadmin-dev.us-west-2.elasticbeanstalk.com/swagger/index.html
  - https://nftdatabase-dev.us-west-2.elasticbeanstalk.com/swagger/index.html

# TePe USA

# **Full Stack Developer**

- Mov 2021 Jun 2022
  - https://github.com/TopTen1004/Teeth-API
  - https://github.com/TopTen1004/Tepe-Frontend