Jake Shoemaker

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Skills

- C# | .NET | Golang | TypeScript | Rust | Lua | Python | MSSQL | Node | Express | Angular | .NET core | Git
- Azure | Cloud Computing | CI/CD | XUnit | Jest | NBomber Load Testing | Unit Testing | Azure functions | Service bus |
- APIs | Microservices | Message-Queues | Frontend | Backend | Full-Stack | *All professional proficiency or above*

Experience

Software Engineer I	**Black Knight**	*Dallas, TX, USA*	**05/2021 - Current**

- Led the design and development of multiple scalable enterprise-level APIs of the Optimal Blue PPE division, which serve millions of calls every day using the latest technologies of **Azure, C#, .NET, MSSQL, Azure Functions**, Key Vault, App Config and Azure Service bus.
- Upgraded legacy APIs on **.net full framework,** to the latest **.net core framework**
- Developed, designed, and deployed modern **Angular** UI with a **.net core** api backend
- Assisted my team in the onboarding of new developers to the team, in areas such as **interviewing, pair programming, and mentorship**
- Refactored a legacy API & improved overall performance by over **35%** using the latest technologies of **C#, .NET, and Azure**
- Continuous Integration/Deployment Pipeline Integration, pull requests, code reviews, load/stress testing, unit/integration/e2e testing

Hardware Engineer Intern	**Rehrig Pacific**	*Dallas, TX, USA*	**05/2020 - 05/2021**

- Design, Develop .Net Core Application to interface with Impinj RFID tag readers
- Convert PyTorch ML Models to run inference on Embedded Nvidia GPU devices using **TensorRT** formatted Machine Learning Models decreasing inference time by **over 200%**
- Designed and Developed UI to control various pieces of Hardware and collect data using Python
- Provisioned a Linux device (Nvidia Jetson) to run machine learning code and performed inference tests
- CMD scripting, Powershell scripting, AWS Exposure

IT Intern	**Intellimagic**	*Dallas, TX, USA*	**06/2019 - 12/2019**

- Anonymized customer DB's, **SQL** scripting, **Powershell** scripting
- *Assisted IT team on the SaaS side helping in product delivery*

Education

Bachelor of Science	**Dallas Baptist University**	*Dallas, TX, USA*	**06/2021**

- Major in Computer Science
- GPA: 3.7

Projects

- **YOUTUBE2SPOTIFY:** Wrote a **Rust** CLI that converts a youtube playlist link into a playlist on your spotify account **(04/2023)**
- **studybro.nvim:** Used **Lua** to create a **Neovim** plugin to help manage goals & track study time within your editor **(07/2023)**
- **Insight:** Leveraged the plaid API to create a website that shows credit statements that are easy to read using **angular and .net (06/2022)**