

Travis Payne

Senior Software Engineer | Backend & DevOps Specialist

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Results-driven Senior Software Engineer with extensive experience in backend architecture, software development, system integration, DevOps practices, and a strong focus on security. Expertise in Python, AWS, Kubernetes, and .NET Core, with a focus on applying software engineering fundamentals and design patterns to create modular, reusable, and well-tested code. Experienced in leading and mentoring engineering teams to achieve project goals, improve product value, and foster professional growth through creative and effective solutions. Strong focus on mentoring junior developers to build foundational skills and promote best practices. Seeking to leverage strong technical abilities and leadership experience in challenging software development roles.

EXPERIENCE

Clio

June 2021 - Present
(Remote)

Senior Software Engineer / Backend Services Lead (Clio Draft)

- Technical lead for the backend services team, driving the architecture and design of backend services.
- Designed and deployed a TypeSense search server Kubernetes Deployment to enhance application search capabilities.
- Led migration of legacy services from EC2 to AWS Elastic Kubernetes Service, ensuring a scalable and efficient infrastructure.
- Integrated legacy applications with new AI services to enhance product capabilities. Assisted in the design and implementation of ML services into the Clio Draft application.
- More than doubled the unit tests in the codebase compared to the previous year, significantly improving code quality.
- Increased platform stability through monitoring and application code improvements, reducing the quarterly incident rate from several per month to just a couple per quarter.
- Boosted overall team velocity as a Senior Engineer or Mentor, while also being a highly productive individual contributor consistently delivering high-quality results.
- Currently planning the architecture for reusable versioned data enrichment layers to boost product usefulness.
- Technologies used: Python, Django, TypeScript, AWS, Kubernetes, Postgres, TypeSense.

ShipStation

March 2021 - June 2021
(Remote)

Sr. Software Engineer

- Architected and maintained seamless integrations between ShipStation SaaS and

multiple mail carriers, enhancing operational efficiency across backend, REST API, and frontend components.

- Participated in CI/CD processes, handling deployments with TeamCity and Octopus.
- Full stack development across .NET, Kubernetes, and AWS Cloud.
- Technologies used: .NET, Kubernetes, AWS, Docker, SQL, PowerShell, JavaScript, TypeScript, HTML, CSS, C#.

M-Files Corporation

*Jan 2016 - Feb 2021
(Remote)*

Software Designer (R&D)

- Contributed to the AI-Team, working on full-stack development from C++ backend to JavaScript/ React frontend.
- Engineered and optimized microservices hosted on Azure with C# .NET Core and Service Fabric, improving system reliability and scalability.
- Secured Azure-hosted ASP.NET stateless reliable microservices and contributed to the public NuGet VAF SDK.
- Technologies used: .NET Core, Service Fabric, Azure Cloud, SQL, PowerShell, JavaScript, TypeScript, HTML, CSS, C#, C++.

M-Files Corporation

*Jan 2014 - Jan 2016
(Remote)*

Software Developer (Advanced Resource Team)

- Co-led the Advanced Resource Team, delivering custom solutions for clients.
- Created and taught API Training Courses as billable training packages for clients and partners.
- Served as the host for developer-related courses at conferences.
- Technologies used: SQL, PowerShell, JavaScript, HTML, CSS, C#, VBScript.

M-Files Corporation

Oct 2013 - Jan 2014

Systems Specialist and Solutions Architect

- Advised clients on architectural design and best practices for M-Files implementations.
- Developed custom client solutions and collaborated on the formation of the Advanced Resource Team.
- Technologies used: SQL, PowerShell, JavaScript, HTML, CSS, C#, VBScript.

VeBridge

Jul 2012 - Aug 2013

Technical Consultant - Cloud Integrations

- Gathered business requirements and translated them into technical solutions, driving ROI for clients.
- Designed and implemented solutions using ASP.NET MVC4, C#, SQL, and JavaScript.
- Technologies used: SQL, PowerShell, JavaScript, HTML, CSS, WinForms, ASP.NET MVC4, C#, VB.NET.

US Army

Mar 2004 - Mar 2012

Sergeant

- Served eight years, gaining experience in leadership, discipline, and problem-solving.
- Completed a degree in Business Administration with a focus on IT Management during service.

EDUCATION

Trident University

2008 - 2012

BS, Business Administration; Information Technology Management

SKILLS

- Core Competencies: Backend Architecture, System Design, DevOps, Security, Technical Leadership, Product Management, Software Design
- Programming Languages: Python, C#, JavaScript, TypeScript, SQL, C++
- Technologies: AWS, Kubernetes, Docker, Django, TypeSense, Postgres, .NET Core
- Tools: Git, CI/CD (TeamCity, Octopus, GitHub Actions, Gitlab), AWS, Azure Cloud Services, React
- Additional Skills: System Architecture, Technical Leadership, Cross-functional Team Collaboration, Product and Design Strategy, Problem Solving

CERTIFICATIONS

MCSA: Web Applications - Certified 2020

February 2020

Microsoft

<https://www.youracclaim.com/badges/f177b27b-852c-4549-a977-90acd1e91616>

Exam 486: Developing ASP.NET MVC Web Applications

February 2020

Microsoft

<https://www.youracclaim.com/badges/2c912726-68ea-42b8-b1a2-292bd032488e>

Exam 483: Programming in C#

February 2020

Microsoft

<https://www.youracclaim.com/badges/74f490c1-e33b-4a0b-af25-482f3967d5f8>