DAVE MEEHAN

Sr. Full Stack Developer

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WORK EXPERIENCE

Sr. Software Engineer / Tech Lead

Thorn

📅 Oct 2021 - Oct 2023 📍 Remote

- Led crucial initiatives in developing and maintaining a real-time crime scene forensic application focused on crimes against children. This led to the protection of thousands of children and the apprehension of suspects on a global scale.
- Orchestrated the conversion of a sizable enterprise React/Node application from a custom, ad-hoc approach to the adoption of Remix and Ant Design, bolstering its efficiency, user experience, and reducing the time to deliver critical new features.
- Implemented robust security measures and stringent compliance protocols to ensure the utmost data privacy and confidentiality for law enforcement agencies across the globe.
- Collaborated with cross-functional teams to solicit requirements, delineate technical specifications, and craft architectural designs.

Lead Full Stack Developer

Hyperion

📅 Aug 2018 - Oct 2021 📍 Remote

- Leading a team of eight engineers, I spearheaded the transformation of a major Angular kiosk project, leading to a remarkable increase in annual revenue.
- Streamlined application architecture to reduce complexity, implementing an Ngrx-based strategy for client-side state management, and untangling coupled services.

EDUCATION

Florida Southwestern State College

📍 Fort Myers, FL

SKILLS

- React
- Typescript
- Node (Nestjs, Express)
- Remix
- Testing (Cypress, Jest)
- SQL
- GraphQL
- REST APIs
- Terraform
- AWS
- Scrum/Agile

CERTIFICATIONS

- MCPS: Microsoft Certified Professional
- Certified Neo4j Professional

- Orchestrated the replacement of a legacy e-commerce site built in PHP with Angular, GraphQL, and a service-oriented architecture on AWS ECS using the NestJS framework; boosting revenue by eliminating purchase process friction, reducing customer service load, and enhancing user experience.

Sr. Full Stack Developer

SmartMarketing

📅 Jul 2017 - Aug 2018　　📍 Naples, FL

- Developed a full-stack React & Node web application for automating the creation of legal documents through a client-facing interview process.
- Collaborated with technical and non-technical team members during the design and implementation phases.
- Built headless CMS solutions using Wordpress with React frontends.

Sr. Full Stack Developer

Cashbox LLC

📅 May 2017 - Aug 2018　　📍 Remote

- Played a pivotal role in developing a drug testing feature in React, streamlining onsite testing data transmission to external labs (HL7 format), enabling a new source of revenue for the company.
- Advocated for the adoption of agile best practices, leading to a significant boost in work transparency and an increased understanding of project complexity during the planning stages.

Lead Frontend Developer

AppyCouple

📅 Sept 2016 - Jul 2017　　📍 Remote

- Led development of a complete rewrite of AppyCouple.com's user-facing website and APIs, which receives millions of visits per month.
- Mentored team members on frontend development best practices.

Wordpress Developer

SmartMarketing

📅 Nov 2006 - Sept 2016　　📍 Naples, FL

- Created WordPress websites for law firms across the United States.

- Enhanced website performance for search engines (SEO), delivering substantial value to our legal clientele.
- Mentored team members on best practices for web development, databases, and SEO.

Database Administrator

Florida Cancer Specialists

📅 May 2003 - Mar 2006   📍 Fort Myers, FL

- Managed the database infrastructure of EMR and billing databases for the largest private Oncology practice in the United States.
- Planned and executed bi-directional SQL Server replication between the corporate headquarters in Fort Myers and a Sarasota office, enhancing fault tolerance by eliminating a single point of failure.
- Optimized both database structure and queries for the .NET developers during the creation of the first Oncology focused EMR application.

Web Developer

Online Services USA

📅 Jul 2001 - Mar 2003   📍 Fort Myers, FL

- Designed and constructed websites for clients in Florida, with a focus on those who were early adopters of e-commerce.
- Authored SQL queries for the accounting department and managed our SQL Server.
- Provided support to Unix administrators using Sun Solaris.

Unix Administrator

Techies.com

📅 Dec 1999 - Jul 2001   📍 Bloomington, MN

- Managed internal content management system web application running on Sun Solaris, Oracle and Apache.

Web Developer

Online Services USA

📅 1997 - 1999   📍 Fort Myers, FL

- Built websites for clients using PHP and Coldfusion. During this time I discovered and responsibly reported a notable security vulnerability in widely-utilized e-commerce software, which is documented: https://packetstormsecurity.com/files/11755/09-16-99-ihtml.txt.html