Matthew Delano

Alvin, TX
https://www.linkedin.com/in/matthew-delano-aa5218338
matthewdelano0201@gmail.com
+1 (512) 360-0907

SUMMARY

Senior Software Engineer with a strong academic foundation and over 10 years of professional experience in the IT industry. Have rich experience from the start-up environment to the enterprise solutions, from web app to mobile development, from front-end development to back-end RESTAPI development. **Love building great products**.

SKILLS

- **Core Competencies**: Responsive Web Design, Progressive Web Apps (PWAs), Web Components, WebAssembly, Microservices Architecture, Event-Driven Architecture, RESTful Services, GraphQL Subscriptions, Serverless Architecture, gRPC, OAuth2, API Gateway, WebSockets, Agile Methodologies (Scrum, Kanban)
- **Front-end**: React, Angular, Next.js, Vue, Nuxt.js, Svelte, Redux (Saga, Thunk), RxJS, SCSS, TailwindCSS, Bootstrap, Material UI, Html5, CSS3
- **Back-end**: Python, Node.js, Express.js, NestJS, Flask, Django, FastAPI, Spring Boot, Laravel, .NET, ASP.NET, Microservices Architecture
- **Databases**: PostgreSQL, MySQL, MongoDB, Firebase, MS SQL Server, Redis, DynamoDB
- **Cloud Platforms**: AWS(EC2, Lambda, RDS, S3, VPC, IAM), Azure, GCP, DigitalOcean, Vercel
- **CI/CD & Devops**: Jenkins, Github CI/CD, Gitlab CI/CD, Infrastructure as Code (Terraform, AWS CloudFormation), Docker, Kubernetes
- **Testing & Automation**: Jest, Mocha, Chai, Selenium, Cypress, Jasmine, Karma, Unit Testing, e2e Testing, Integration Testing
- **CI/CD & Devops**: Jenkins, Github CI/CD, Gitlab CI/CD, Infrastructure as Code (Terraform, AWS CloudFormation), Docker, Kubernetes
- **System Automation**: Ansible, Chef, Puppet, PowerShell, Bash/Shell Scripting, SQL Scripting, Infrastructure Automation, Auto-Scaling, Database Migrations
- **Version Control**: Git, GitLab, GitHub, Azure DevOps
- **Other**: Web Accessibility, SEO, Agile Development, Software Architecture, Algorithm Design

PROFESSIONAL EXPERIENCE

Jun 2020 – Oct 2024   **Paxos | Remote**
Senior Software Engineer

- Built and optimized RESTful APIs and microservices with Node.js and NestJS, improving the integration of financial data and enhancing system performance.

- Collaborated closely with board members and financial professionals to understand business logic and translate regulatory requirements into actionable technical specifications.
- Architected and built scalable back-end services from the ground up using Node.js, ensuring robust performance and reliability for financial applications across web and mobile platforms.
- Implemented PostgreSQL for efficient data management and storage, optimizing query performance for real-time transaction processing and reporting.
- Designed dynamic, reusable UI components with React, TailwindCSS, creating a consistent and efficient design system across all financial products.
- Managed millions of database records containing comprehensive financial transaction data, ensuring data integrity, security, and compliance with financial regulations.
- Employed Docker for containerization, facilitating smooth deployment and scalability of application services within AWS infrastructure.
- Spearheaded CI/CD integration to streamline development processes, improving deployment frequency and enhancing software quality through automated testing and monitoring.
- Drove discussions around product features and functionality, ensuring alignment with user needs and industry standards while enhancing overall user experience.
- Mentored team members in best practices for software development, promoting a culture of continuous learning and innovation.

Nov 2017 - Apr 2020   **Opendoor | Remote**
Full-stack Developer | Contractor

- Built and maintained responsive real estate web applications using React, Python, and AWS components, enhancing the efficiency of digital home transactions.
- Designed and developed user-friendly web interfaces with Angular and React, improving the home-buying and selling experience for customers.
- Mentored and guided junior software engineers, fostering a culture of collaboration and continuous improvement through architecture discussions, design reviews, and code evaluations.
- Developed and optimized backend services with Django and GraphQL, improving data processing and integration with third-party real estate and financial APIs.
- Collaborated closely with product, operations, and data teams to identify opportunities for process improvement, streamlining workflows and enhancing automation in real estate transactions.
- Evaluated, integrated, and extended commercial products using REST web services and message queues, contributing to the scalability and efficiency of digital property valuation and transaction systems.
- Troubleshot and resolved software issues across multiple layers, including deployment, configuration, and both server-side and client-side challenges.
- Applied deep knowledge of computer science fundamentals, including algorithms and data structures, to develop efficient, maintainable code that supported real estate pricing models and market analysis tools.
- Contributed to the deployment of production distributed systems on Amazon Web Services (AWS) utilizing tools like Git, Docker, and Kubernetes, ensuring reliable and scalable cloud-based applications for real estate transactions.

Apr 2015 – Oct 2017   **Sideshow | Full-time**
Full-stack Developer

- Interactive Analytics Dashboard using React.js and D3.js
- Worked mostly on the recommendation pipeline, the team's key product, which significantly improved the company's revenue from ads. Added new recommendation types, migrated to a new way of estimating revenue uplifts, simplified and optimized parts of it.
- Deployed and scaled applications on AWS, leveraging services like EC2, RDS, and Lambda to create a robust, secure, and scalable infrastructure.

Apr 2014 - Mar 2015   **Sideshow**

Developer Intern

- Spearheaded the development of an internal management system, enhancing operational efficiency and streamlining workflows across departments.
- Utilized React for building dynamic user interfaces, ensuring responsive and user-friendly web applications.
- Developed backend functionalities using Python and Django, enabling robust data processing and business logic implementation.
- Employed GitHub for version control and collaboration, enhancing code quality through effective team workflows.
- Designed and maintained responsive web layouts using HTML, CSS, and Material UI, ensuring a consistent look and feel across all platforms.
- Integrated TypeScript for type safety and improved maintainability of code, resulting in fewer runtime errors and enhanced developer productivity.
- Leveraged Node.js and Java Spring Boot for backend services, ensuring scalable and high-performance application architecture.
- Utilized AWS for cloud services, optimizing application deployment and enhancing system reliability.

EDUCATION

BS in Computer Science, New Jersey Institute of Technology. 2009-2014, Top 3% of the graduating class.