

# David J. Martin

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## Summary:

Technical Project Coordinator with **7 years of experience in software implementation, technical support, and customer training**. Passionate about helping users adopt and optimize **developer tools, web platforms, and software solutions**. Skilled in **Next.js, Vercel, Python, and SQL**, with a strong understanding of **frontend performance, deployment workflows, and cloud-based web applications**. Adept at translating complex technical concepts into actionable solutions for users.

## Projects:

- **S&P 500 Data Engineering Project** **December 2024 - Ongoing**
  - Developing a PostgreSQL-based pipeline to manage and analyze 2.5M+ rows of historical stock market data.
  - Building automated Python scripts to fetch, process, and store financial data, enabling detailed market trend analysis.
  - Designing an interactive frontend using Next.js and TailwindCSS to visualize sector performance, top performers, volatility metrics, and moving averages.
- **United City Church Website Development Project** **October 2024 - Ongoing**
  - Designing a responsive, modern website with Webflow focused on enhancing user experience and accessibility.
  - Created a custom documentation site using Mkdocs, enabling non-technical stakeholders to manage updates.
  - Collaborated with stakeholders to define project requirements, ensuring scalability and long-term functionality.

## Experience:

- **Project Coordinator I at Heavy Construction Systems Specialists (HCSS)** **January 2023 – Present**
  - Coordinated 275+ successful software implementations, managing client onboarding and adoption processes.
  - Developed user guides, training materials, and technical documentation, improving user experience and system utilization.
  - Facilitated communication between customers and internal engineering teams, resolving technical issues and optimizing workflows.
- **Fleet Implementation Associate at Heavy Construction Systems Specialists (HCSS)** **June 2022 - January 2023**
  - Guided clients through software installation, configuration, and data migrations.
  - Provided targeted training sessions to improve user confidence and system usage.
  - Leveraged SQL for data validation, troubleshooting, and resolving client issues.
- **Fleet Technical Support Analyst at Heavy Construction Systems Specialists (HCSS)** **May 2019 – June 2022**
  - Provided technical support and troubleshooting for desktop and web-based fleet management solutions.
  - Created a scalable C# migration tool, reducing support overhead and manual troubleshooting.
  - Developed SQL reports and database models for efficient customer support issue resolution.
  - Expanded 'The Hub' training platform, onboarding 200+ users and improving knowledge-sharing across the organization.
- **Administrative Student Assistant for the Office of the Vice President of Student Affairs** **August 2017 – May 2019**
  - Streamlined event and travel management workflows through Excel automation using VBA.
  - Created Power BI dashboards for visualizing operational metrics to support stakeholder decision-making.

## Education:

- **C.T. Bauer College of Business, University of Houston, Houston, Texas** **Graduation: May 2019**
  - **Degree: Bachelor of Business Administration**
  - **Major: Management Information Systems (MIS)**

## Skills:

- **Web Development:** Next.js, Vercel, React, JavaScript, Webflow
- **Programming:** Python, SQL, C# (basic)
- **Data & Cloud:** PostgreSQL, AWS S3, ETL Pipelines, Power BI
- **Tools:** Mkdocs, GitHub Actions, Salesforce
- **Other Tools:** Salesforce, Microsoft SQL Server, GitHub Actions (for CI/CD).