

# 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**
  - Built a **PostgreSQL database** to analyze **2.5M+ rows of historical stock market data** for trend analysis.
  - Developed **automated Python scripts** to **fetch and process stock data**, generating insights on market performance.
  - Preparing for **cloud integration (AWS S3, Vercel dashboard for visualization)** to enhance accessibility.
- **United Church Website Development Project** **October 2024 - Ongoing**
  - Designed and deployed a **modern Webflow website**, improving **UX and content management efficiency**.
  - Created a **custom documentation site using Mkdocs**, enabling non-technical stakeholders to manage updates.
  - Advocated for **serverless deployment strategies using Vercel**, optimizing site performance and hosting costs.

## Experience:

- **Project Coordinator I at Heavy Construction Systems Specialists (HCSS)** **January 2023 – Present**
  - **Managed 275+ software implementation projects**, ensuring smooth deployment, client onboarding, and system adoption.
  - Developed **training materials, user guides, and technical documentation** to assist customers in software configuration.
  - Acted as a **bridge between customers and engineering teams**, identifying challenges and driving process improvements.
- **Fleet Implementation Associate at Heavy Construction Systems Specialists (HCSS)** **June 2022 - January 2023**
  - Guided customers through **software setup, integration, and data migration**, ensuring seamless transitions.
  - Conducted **one-on-one customer training sessions**, enhancing engagement and usability.
  - Used **SQL for data validation and troubleshooting**, assisting customers with database-related challenges.
- **Fleet Technical Support Analyst at Heavy Construction Systems Specialists (HCSS)** **May 2019 – June 2022**
  - Designed a scalable **C# migration tool** to automate version-switching for HCSS's desktop app, reducing manual troubleshooting efforts.
  - Engineered a **SQL-based ERD** for products like Equipment360 and FuelerPlus, providing a foundation for team troubleshooting and data analysis.
  - Leveraged **SQL and complex queries** to investigate and resolve data-related issues, ensuring data integrity and validating solutions.
  - 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**
  - Automated workflows using **VBA-enhanced Excel tools**, streamlining data collection and reducing manual effort for event and travel management.
  - Created **Power BI dashboards** to visualize data, improving decision-making for 100+ stakeholders.
  - Managed travel and budget planning for university staff, ensuring full compliance with organizational policies.

## 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:** Notion, Mkdocs, GitHub Actions, Salesforce
- **Other Tools:** Salesforce, Microsoft SQL Server, GitHub Actions (for CI/CD).