Mario Jordan

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EXPERIENCE

Software Engineer   April 2023 - Present
Indiana University Jacobs School of Music   *Bloomington, Indiana*

- Building ERP systems using .NET Core, C# Web APIs, and SQL Server.
- Configuring college portals hosted on IIS with SSO and CAS authentication.
- Writing T-SQL stored procedures and SSIS packages for a PeopleSoft ETL.
- Designing an MVC boilerplate app for migrations off of legacy Web Forms.
- Delivering Worker Services and GUIs to transform and archive media files.
- Constructing an Angular website and admin portal for livestreaming recitals.
- Automating manual deployments using Azure CI/CD YAML pipelines.
- Writing SOPs and code documentation for legacy and newly built systems.
- Responding to emergency incidents and outages to ensure high up-time.
- Managing and training junior software engineers and business stakeholders.
- Leading collaborative cross-departmental prioritization sessions.

IT Solutions Developer   August 2020 - April 2023
Kum & Go   *Des Moines, Iowa*

- Built a PWA using Angular and Web APIs to deploy tasks to Android tablets.
- Created the company's annual bonus calculator using C#, .NET, and SSIS.
- Developed reporting systems with HTML, CSS, JS, and MSSQL procedures.
- Increased xUnit coverage and integrated Selenium for cross-browser tests.
- Configured ETL processes to sync millions of POS records to warehouses.
- Coded an XML parsing Function App to mask PII upon account deletion.
- Automated form entry and email alerts using VisualCron and Power Automate.
- Converted store's paper checklists into a Kotlin Android app.
- Maintained Active Directory lists using LDAP.

PROJECTS

Sports Web Scrapers   September 2024 - Present

- Programming Python scrapers to retrieve and clean sports data.
- Using Plotly and Matplotlib to create insightful visualizations.
- Optimizing HTTP request counts to adhere to site rate limits.

SKILLS

Languages: C#, CSS, HTML, Java, JavaScript, Kotlin, PowerShell, Python, SQL, TypeScript, YAML
Technologies: .NET, Android, Angular, Azure Suite, Git, IIS, RDP, SSIS, VisualCron, WinSCP

EDUCATION

Grinnell College   August 2016 - May 2020
B.A. Computer Science & Music, GPA: 3.78 / 4.00, Phi Beta Kappa   *Grinnell, Iowa*

Aquincum Institute of Technology   February 2019 - May 2019
Computer Science Study Abroad, GPA: 3.70 / 4.00   *Budapest, Hungary*