Tim Feng
Software Engineer

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SUMMARY OF QUALIFICATIONS

Software Engineer experienced in .NET, C#, PowerShell, SQL Server (T-SQL), Javascript, and HTML/CSS with expertise in maintaining enterprise-level software and CMS frameworks.

EXPERIENCE

Software Engineer   2018 - 2019
Global Wave Group, Aliso Viejo, CA
Maintained and updated Credit Track, a legacy enterprise-level banking software for mid-size banks
- Performed bug fixes and updates to banking software serving hundreds of loan officers
- Collaborated with overseas employees to produce consistent solutions
- Wrote SQL Server scripts for troubleshooting and stored procedures as production code
- Implemented token authentication in C# for user login for a document upload portal
- Integrated a consumer document upload portal into an existing loan web application
- Automated weekly test server backups using the Task Scheduler and PowerShell
- Gave technical support to clients via email, phone, and web meetings

Backend Developer   2018
Web Advanced, Irvine, CA
Clients included Metrolink, Orange County Transportation Agency (OCTA), Logitech, and Siebert Financial
- Created database for Metrolink Trip Generator, which serves an average of over 30,000 riders per day
- Automated daily database backups with PowerShell on test and production servers using AWS S3
- Created APIs which served blog data, site data, and web service data using C# and PHP
- Integrated Jira's OAuth 2 API within time tracking system, saving time for developers and managers
- Performed regular maintenance and deployments on MotionMail, a popular countdown service
- Set up and managed servers on Windows and Linux using C# and WordPress codebases
- Proficient in AppVeyor continuous integration, Git version control, and managing user permissions
- Experienced in modifying and debugging legacy codebases on production servers

APPLICATIONS DEVELOPED

CreditTrack Portal: Consumer-facing document upload portal to improve loan officer workflow
- Developed a solution allowing 300MB to be uploaded with client filterable file extensions
- Fully integrated the upload portal into Credit Track
- Implemented token authentication using expiring OAuth 2.0 compliant login

Database to Transit Feed: Client requested automated transit feed files tailored to rolling quarterly schedule
- Scoped, planned, and executed transit feed generator with minimal oversight
- Completed project ahead of schedule and implemented additional trip format requested by client

Transit Feed to Database: Developed trip scheduler and converted transit feed files into usable format
- Imported data and created trip pairing algorithm for integration into client API
- Programmatically validated transit feed data and planned data extraction methodology

Cross-Framework Blog Recent Post Widget: Preview WordPress Blog posts on a Sitefinity Home Page
- Created WordPress API endpoints and retrieved data using C#
- Exported look and feel from Sitefinity to WordPress to ensure consistency of website components

EDUCATION

California State Polytechnic University, Pomona, B.S. Civil Engineering