

Kaska Miskolczi

Unicorn Design & Development Engineer

Industrious and capable Engineer with proven history of enhancing technical operations. Gifted with strong analytical and excellent troubleshooting skills, investigating root causes and implementing successful resolutions. Adept in iterative deployments, with particular emphasis on continual integration, automation and milestone driven development. Proficient in conducting primary and secondary research for both user experiences and team motivation strategies, to help boost overall performance for everyone. Familiar with the policies and procedures required to maintain compliance for HIPPA, Government CMS (USA, Ireland, Canada, EU), and payment processing. Also, highly competent in systems management, data modeling, architectural diagramming, and proposal development.

WORK HISTORY

**2015-12 -
Current**

Senior Consultant

Miskolczi Software, Atlanta, GA

- Contributed to success of client's organization by improving performance, motivation, job satisfaction, hiring practices, training programs and management systems.
- Worked with product planners and engineers from conceptualization to production launch, refining cloud, on-prem and hybrid platforms, with feasibility, design, operation and performance at the for-front of all component and system solutions.
- Managed infrastructure upgrades, analysis and resolution of end user hardware and software issues; and updated company systems for efficiency, to improve overall productivity 64%.
- Created software with computer scripting input and processed by software to generate commands, events, objects and characters for player interaction.

**2018-07 -
2018-11**

Senior Cloud Security and Design Consultant

RelayHealth Corporation, Atlanta, GA

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SKILLS

Network administration

Consulting

Data collection and analysis

Scalability Planning

System Diagnostics

Project Management

Project Documentation

Strategization

Systems Analysis

Budgeting

User Interface Design

Team Oversight

Troubleshooting

Website Optimization

Content Marketing Strategy

Agile Workflow Processes

Marketing Automation

- Designed and implemented system security and data assurance, and enterprise processes, with best practices tailored for healthcare requirements via HIPPA and Gov.CMS.
- Wrote and maintained custom scripts to increase system efficiency and performance time, during installations, configurations and maintenance of operating systems, for an SLA of 99.9999997%
- Implemented network security equipment, including firewalls, two-factor authentication, and antivirus software for networks supporting over 2.5 million users.
- Prepared, all documentation and continued grant proposals to support Azure and OpenStack environments, implemented with a front-end design for level II tech implementation.

**2017-10 -
2018-07**

Senior User Interface Developer

Booz Allen Hamilton, Atlanta, GA

- Maintained strict budgetary and scheduling guidelines to satisfy clients with high-quality, targeted designs with on-shore and off-shore development teams.
- Designed and executed security measures such as firewalls, MFA, block-chain encryption, and SEIM logging with scripted alerts.
- Planned and engineered RESTful web services, consuming Tableau outputs into JSON and designed with D3JS, to manipulate dynamic datasets for CDC's and ArcGIS datasets.
- Conceived and built optimized mobile and web applications in HTML, CSS, PHP, .NET, C# with Razor, vanilla JavaScript, Angular and NodeJS.

**2017-02 -
2017-11**

Software Developer

FierceMarkets, Washington, DC

- Collaborated with developers and performance engineers to enhance supportability and identify performance bottlenecks, throughout all stages of our development lifecycle.
- Revised, modularized and updated old code bases to modern development standards, reducing operating costs 36%.

Design Pattern Libraries

Programmatic Automation

Recursive and Unit Testing

Regulatory Compliance

Troubleshooting

Safety Procedures

Avionics Wiring Repair

Data Management

VBScript

Flash and ActionScript

Advanced C and C++

Virtualization

Network Dev. & Admin.

Technical Writing

API Design Knowledge

Shell Scripting

.Net Development

Advanced Knowledge of PHP

System Development and Administration

MS Office

Communications

Customer Service

QA Automation

UX Performance Analysis

UX Diagnostic Management

User Data Collection

- Led group of 15 engineers in design and development of headless CMS of Drupal via Bash Scripting, Drush, and AWS solutions.
- Orchestrated efficient large-scale software deployments, including testing features and correcting code.
- Performed regression, unit-blocked and system-level testing to verify software quality and function prior to release.
- Compiled specifications, dev. methods and other scripting modifiers for headlessCMS project into technical manuals for team.
- Interfaced between high-value customers and junior developers, encouraging use of client feedback in software updates.

**2015-04 -
2016-11**

Webmaster and 3D Animator

Florida SouthWestern State College, Naples, FL

- Gathered and synthesized business requirements, as the team representative in executive meetings, discussing defining and translating user requirements into project designs and implementation plans, exceeding aggressive deadlines.
- Strengthened company brand and identity by creating distinctive website and logo, post Edison State College name change.
- Built user interface, data visualizations and designed to eliminate bugs and improve overall user experience, resulting in 27% increase of enrollment and SEO/SEM click-through rates.
- Owned more than 82 corporate projects per year from initial research and conceptual design through testing, development and implementation phases.
- Spearheaded and implemented use of Git and Mercurial version control across all four campuses for design and development.
- Created powerful headless Content Management System built with HTML, CSS, PHP, vanilla JavaScript, C++, MySQL, Oracle Cloud, AWS, Puppet, and OpenStack solutions, to serve as interface for client.
- Automated consumption of Oracle and SAP data outputs, by custom built RESTful and SOAP micro-services to

Iterative Development

User Interface Development

Vanilla JavaScript

JS Framework: Angular

JS Framework: React

JS Framework: Node

JS Framework: 11ty

JS Library: Ionic

JS Library: Stencil

JS Library: jQuery

ASP.NET & .NET Core

C# with Razor

C/C++

Bash/ZSH/KSH

Curl & Perl

PHP 5.7+

MySQL and MySQL Server

Oracle Cloud

Azure Cloud

Axure UX

Adobe Creative Suite

Maxon Cinema 4D

AutoDesk Suite

Sketch

Figma

MarvelApp

WordPress

manipulate dynamic datasets with multiple entry and touch points.

**2013-12 -
2014-07**

Webmaster

Abbey Carpet And Floor, Bonita Springs, FL

- Liaised with customers to determine pre-development design specifications, including finished design parameters, implementation deliverables and to meet strict deadlines.
- Built user interface, data visualizations and designed overall user experience, resulting in 67% increase in sales and 100% improvement in ADA/WCAG compliance.
- Delivered drastic improvements to new headless CMS framework, developed off a Sitecore distro, still in use today, leading to 97% efficiency boost, with emphasis on realtime API integrations with other big-box retailers across the continental USA.
- Wrote server-side and client-side code for C# and .NET and .NET Core projects using Bash Scripting, PHP, HTML, CSS, and JavaScript, specifically with Angular and Node frameworks.
- Created detailed performance KPIs and analytical reports on client website strategies, honing user demographics and statistics using Google Analytics and custom vanilla JavaScript automation.

**2012-09 -
2014-02**

Aircraft Weight and Balance Algorithmic Engineer

Unites Parcel Service Of America, Fort Myers, FL

- Identified issues with software components and isolated regulation faults prior to implementing corrective actions.
- Interpreted aircraft specifications, diagrams and blueprints and compared information to completed work verify quality and assess vehicle integrity.
- Assisted dismantling and repairing of reconditioned aircraft structural parts and hangar equipment to repair malfunctions and enhance functionality, performance and durability.
- Adhered to strict safety procedures and protocols when creating automated logarithmic functions via Binary,

HTML/CSS

PostgreSQL

CouchDB

Ruby & Rails

JS Framework: Ember

JS Library: Handlebars

JS Framework: D3

JS Framework: Three

Tableau

SAP SolEx & S/4HANA

Sitecore

Drupal

Magento

Shopify

WooCommerce

DB2 Databases

Jet Databases

Binary

ASM & Web ASM

NoSQL

IBM Informix

ArcGIS Server

Tivoli Storage Manager

Kubernetes

Docker

AWS

IBM Bluemix

ASM, C/C++ libraries, protecting both flight personnel and software equipment.

- Cultivated vast knowledge of aircraft systems by attending training workshops, enhancing functionality of systems, automating the checkout control features of our Boeing cargo aircraft and implementation of expertise in routine work and special projects.
- Saved USP over \$2 million by implementing cost-saving initiatives that addressed long-standing problems related to our incremental weight and balance control system.

**2009-12 -
2013-03**

Scripting and Automation Engineer

Florida Gulf Coast University, Naples, Florida

- Performed gap analysis procedures and detailed data reviews to optimize cost-effective strategies for software implementation.
- Tested, automated and whitelisted software to be used in secure environments, establishing a university-wide automation methodology, frameworks and tools.
- Exercised complete understanding of PLC, XML, Bash, Binary, and ASM programming to support maintenance and optimized automation of our programs.
- Collaborated with systems engineers and customers to determine machine requirements and develop specifications for user interface, machine functions and quality control to deliver reliable automation systems.
- Kept on track with deadlines for development cycle times.
- Utilized comprehensive understanding of Allen Bradley Ladder Logic to produce code to revolutionize automation.
- Supported Engineering and Maintenance departments with complex troubleshooting, training and technical support.

Education

**2009-08 -
2014-12**

Bachelor of Arts: Philosophy of Science And Technology With AI

Florida Gulf Coast University - Naples, Florida

Python

Objective C

Swift

IBM Watson

Kali Linux

DNS Tree Traversals

Block-Chain (Bytes)

SHA Encryption & Alg

Algol 68

HPE Non-Stop

Pascal

Cobol

VMware

VirtualBox

Ansible & Ansible Tower

ATLAS Machine Learning

Apache Mahout

Apache Kafka

Prototyping

Wireframing

Animation

Character Illustration

Product Design

Branding

SEO/SEM Digital Marketing

Print Mail Order Campaigns

Email Marketing

Surveys via Qualtrix

Survey Automation

Data Analysis