Nathan Klimachefsky

Software Engineer

Contact

96 Albrect Ct.
Morgantown, PA 19543
(848) 250 – 9100
nathanklim@gmail.com
www.linkedin.com/in/nathan-klim
www.klimachefsky.com

Key Skills

JavaScript, Typescript, ActionScript, LUA, XML, JSON, YAML

Applications

JIRA, Confluence, Jenkins, Visual Studio, Android Studio, VS Code, Eclipse, Docker, Dreamweaver, Flash Develop, Adobe Flash, SVN, Perforce, Git, Gradle, Yarn, Webstorm

Education

Pennsylvania State University, University Park, PA
May 2000
B.S. Management Science and Information Systems

Experience

January 2021—September 2022
Senior Software Engineer • Boom Entertainment • remote

- Developed core architecture to be used in a brand-new online slot machine venture
- Sole front end developer on multiple slot games, using TypeScript, Three.js, and ECSY, and Spines
- Led discussions to overcome technical issues and solve interesting problems

March 2015—October 2020
Senior Software Engineer • High 5 Games • remote

- Worked across many platforms and technologies, to build exciting and innovative casino games for mobile and social platforms
- Programmed with Unity, C++, Java, JavaScript, ActionScript, Python, LUA
- Collaborated with artists, sound designers, server-side developers, and managers to create an excellent product
- Developed automated tests using selenium and python

March 2008—March 2015
Lead Flash Developer • AppliedInfo Partners • Somerset, NJ

- Lead Flash developer creating a robust online training management solution that integrated Flash/Flex, JavaScript, jQuery, .NET, HTML5, MVC, and a variety of other technologies, that allowed users to create, manage, and view online training material. The front was developed in two versions one utilizing ActionScript, and the other HTML/JavaScript
- Collaborated with artists and back-end developers to create a robust solution for customers
- Worked with clients to identify needs and solutions
- Developed a kiosk/content management system using Flash, ActionScript, JSON and web services

May 2007—April 2008
Flash Developer • Bristol Myers Squibb • Skillman, NJ

- Developed online training materials with multilingual content to be used across BMS's international and domestic offices
- Developed applications that integrated ActionScript, HTML, XML, and JavaScript
- Created artwork and developed an immersive online training game which allowed users to review the corporate security polices while being entertained
- Worked on and enhanced existing learning tools in HTML/JavaScript/CSS

March 2006—March 2007
Flash Developer • Creative Media Design • Portland, OR

- Worked in a cross-functional team to design/develop Flash based solutions for clients
- Designed products with an OOP infrastructure to be portable and reusable
- Repurposed existing Flash tools for new clients/situations
- Created products that worked seamlessly with XML and ActionScript
- Developed a kiosk application that showcased a large variety of products for CMD's parent company, Jeld-Wen

March 2006—January 2007
Instructor • ITT Technical Institute • Portland, OR

- Instructed students on various aspects of game design
- Taught the basics of ActionScript
- Responsibilities included grading, preparation of supplemental materials, delivery of prepared materials, and email support
- Classes included: "Introduction to Gaming Technology", "Game Design Strategies", and "Level Design I"

February 2005—October 2006
Technical Support Representative • WebMD • Portland, OR

- Assist users with technical, navigational and operational concerns regarding WebMD's valuable on-line health information, including on line tools for managing health
- Liaison between users, clients, technical employees, and administrative staff
- Hand coded departmental web sites for WebMD intranet using HTML, JavaScript and CSS

October 2001—August 2003
Web Applications Developer • Strategic Management Group • Philadelphia, PA

- Lead developer for a web-based business E-learning simulation on managing change in the Fortune 500 workplace
- Worked closely with SME's, writers, and instructional designers to develop and manage an online business simulation platform
- Researched and developed a web-based learning platform utilizing Flash 5, web-based video, HTML, JavaScript, XML, and JSP
- Obtained Flash 5 Certification