

Kieran Lewis

Cloud and Web Software Developer

Self-motivated and proactive application software developer. Two years experience working professionally to enhance the efficiency and modernity of IT solutions. Can work effectively alone or with a team. Quick to learn new skills to fulfill the needs of any project.

Industry Experience

- Aug 2018 - **Assistant Sysadmin & Undergraduate Research @ Colorado School of Mines**
Facilitating the progress of graduate students' optimization research by building customized applications to automate and accelerate common tasks
Ensuring the continued functioning of essential Mines data processing servers by assisting the current system administrator in upkeep tasks
- Summer 2017, Summer 2018 **Software Development Intern @ Lockheed Martin, Enterprise Operations**
Formed an integral part of a team developing and maintaining Amazon Web Services solutions
Reduced company web application operating costs by updating older server-bound applications to newer cloud and serverless solutions, primarily using AWS and AngularJS
Reduced the operating overhead for future cloud migration teams by building an application from scratch for automating common tasks
Junior Database Administrator for production MySQL, SQL Server, and DynamoDB databases
Communicated with customers during development process & responded to changing project needs

Education

- 2018 - May 2022 BSc, Computer Science @ Colorado School of Mines, Golden, CO**
GPA: Pending Notable Courses:
- Data Structures
- EPICS 1
- 2014 - 2018 International Baccalaureate (IB) Diploma @ Lakewood High School, Lakewood, CO**
GPA: 3.8

Activities

- Oct 2018 **MHacks 11 - Won 'Best use of Twilio API' Category**
- Built Node.js web service using the Twilio API
- Users can text a LaTeX-formatted equation to the Twilio number, which returns a rendered picture of the equation

Contact

Address

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Phone

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Technical Skills

Linux (Ubuntu, Arch, Mint) for daily use and as application development environment

.NET Core & .NET Framework

Python, Java, C#

AngularJS, Node.js, NPM, WebSockets

HTML5, CSS,
Javascript, TypeScript, PHP

Amazon Web Services maintenance, including AWS API and CLI

RESTful API Development:
Express, AWS API Gateway

MySQL, SQL Server, AWS DynamoDB

SharePoint

Shell scripting

Vim