

# Kenneth Jones | Software Engineer

Valparaiso, Indiana, USA

## Contact Information

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## Professional Summary

I am an experienced Software Engineer with a solid background in web and native app development, as well as systems and integration architecture. Polyglot coder more concerned with interesting solutions than specific technologies. Experienced with leading teams, managing projects, and collaborating across disparate teams, including non-technical stakeholders.

## Work Experience

### Principal Software Engineer | Indiana University

2015 - Present | Bloomington, IN

Currently lead for the Native Apps development team, managing a group of developers building and maintaining iOS and Android applications for Indiana University, as well as various integration and backend services to support those applications.

- Native Apps and Enterprise integrations (2022-Present)
- Digital Campus - Native Apps (2019-2022)
- Digital Communication Development (July 2017-2019)
- IT Communication Office (2015-2017)

**Technologies:** iOS and Swift development, Android development, Java and Spring, PHP and Laravel, Node.js, C# and .NET, Kubernetes and Docker

### Lead Systems Analyst / Programmer | Indiana University Northwest

2011 - 2015 | Gary, IN

**Technologies:** VB, C#, and .NET, PHP and Laravel, Coldfusion and ActionScript, Frontend: HTML, CSS, JavaScript

### Lead Programmer | AC Incorporated

2010 - 2011 | Valparaiso, IN

Developed custom software solutions for clients as well as supporting existing portfolio (ScoreCorrect, Dynaconnex, etc.)

**Technologies:** VB, C#, .NET, PHP and MySQL

## **Software Developer, IT Director | Genesis, Dynaconnex, Rainy Day Foundation, ScoreCorrect**

2008 - 2011 | Valparaiso, IN

Developed software solutions for a series of small businesses and non-profits through various merges and acquisitions. Went from junior developer to IT Director over the course of less than three years.

**Technologies:** C++, VB, C#, .NET, MS SQL Server, JavaScript, HTML, CSS

## **Software Engineer (Consultant) | Rume Health**

2022 - 2025 | Huntington Beach, CA (Remote)

Provided software engineering consulting for a health tech startup. Helped recover millions in automating insurance claims processing, insurance discovery, and health information systems integrations.

**Technologies:** Python, Flask, and FastAPI, Node.js, FHIR, HL7, Health Information Systems integrations, CD/CI and DevOps, AWS and Cloud Infrastructure, Browser Extensions development

## **Software Engineer (Consultant) | Scranton University**

2013 - 2014 | Scranton, PA (Remote)

Refactored and modernized legacy PHP including campus calendar application. Helped migrate to a content management system Cascade Server.

**Technologies:** PHP, HTML, CSS, JavaScript, Java, Velocity, Cascade Server

## **Technical Skills**

### **Programming Languages:**

- C# (Advanced)
- PHP (Advanced)
- JavaScript/Node.js (Advanced)
- Python (Advanced)
- Java (Intermediate)
- Go (Intermediate)
- Swift (Intermediate)
- Dart (Advanced)

### **Frameworks & Libraries:**

Node.js, Express, Django, React, Vue.js, Angular, Spring Boot, Flask

### **Databases:**

PostgreSQL, SQL Server, MySQL, MongoDB, Redis, Elasticsearch/OpenSearch

### **Cloud Platforms:**

AWS, Google Cloud, Azure

### **Tools & Technologies:**

Docker & Kubernetes, Git & GitHub / GitLab, GitHub Actions, Azure DevOps, Jenkins, TeamCity, Helm Charts, Terraform

## Education

### Master of Science in Data Science

**Indiana University** | Luddy School of Informatics, Computing, and Engineering | Bloomington, IN  
**Coursework:** Machine Learning, Distributed Systems, Software Engineering  
Awarded 2025 | GPA 3.8/4.0

### Graduate Certificate in Data Science

**Indiana University** | Luddy School of Informatics, Computing, and Engineering | Bloomington, IN  
Awarded 2022

### Graduate Certificate in Management

**Indiana University Northwest** | School of Business and Economics  
Awarded 2015

### Bachelor of Science in Computer Information Systems

**Indiana University Northwest** | College of Arts and Sciences  
**Minor** Business Administration  
Awarded 2013

*Source Code: <https://github.com/yourfriendken/resume>*