

# Kenneth Jones | Software Engineer

Valparaiso, Indiana, USA

## Contact Information

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## Professional Summary

Experienced Software Engineer with a strong 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

- 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

### Consultant / Engineer | Rume Health

2022 - 2025 | Huntington Beach, CA (Remote)

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

### Lead Programmer | AC Incorporated

2010 - 2011 | Valparaiso, IN

Developed custom software solutions for clients

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

## Technical Skills

**Programming Languages:** C#, PHP, JavaScript/Node.js, Python, Java, Go, Swift, Dart

**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

Awarded 2025

GPA 3.8/4.0

Coursework Machine Learning, Distributed Systems, Software Engineering

### 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

Awarded 2013

Minor Business Administration

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