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 by automating insurance claims processing, insurance discovery, and various 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