

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

Software Engineer (Consultant) | 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# (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>