Ben Huffine

PROFESSIONAL SUMMARY

Innovative Software Engineer with extensive experience designing and implementing scalable software and cloud solutions. Expertise in cloud infrastructure, backend development, AI initiatives, internationalization, and full-stack development. Adept at collaborating with teams and clients to deliver impactful solutions across industries, from startups to enterprise environments.

EXPERIENCE

PLATFORM ENGINEER, AMBITION — 2020-2025

- Designed and maintained internal tools to manage AWS infrastructure leveraging ECS, RDS, S3, CloudWatch, VPC, and more.
- Deployed and managed resources with custom CloudFormation templates using AWS CDK.
- Built and supported an internal application using Python, Django, and PostgreSQL for managing cloud operations.
- Architected and developed AI solutions using AWS Bedrock, including an API for multiple AI products and a Retrieval-Augmented Generation (RAG) implementation.

SENIOR SOFTWARE ENGINEER, ACT — 2013-2020

- KeyTrain Product
  - Modernized a curriculum and learning management system for basic job skills, transforming a Flash-based runtime into a responsive Single Page Application (SPA).
  - Developed a side-by-side machine/human translation interface to support internationalization of curriculum runtime.
  - Utilized technologies including Classic ASP (JScript), SQL Server, Python, ReactJS, PostgreSQL, NodeJS, Babel, and Webpack.
- LEAP Features Team
  - Built and maintained the change data capture system for processing data across ACT's platforms.
  - Contributed to functional development and testing using Java, Kafka, Jenkins, and Python.

FREELANCE SOFTWARE ENGINEER — 2011-2013

- Designed and implemented software solutions for diverse clients, ranging from small businesses to large enterprises.

- Delivered end-to-end interactive website builds and iOS applications for iPhone and iPad.
- Conducted data cleanup, processing, and database management using Python, ReactJS, NodeJS, Objective-C, PostgreSQL, and MySQL.

SENIOR PROGRAMMER, COPTIX/MEDIUM — 2013–2015

- Developed custom software and data solutions for a wide range of clients, from individuals to large enterprises.
- Built and maintained database systems and applications tailored to specific client requirements.
- Utilized technologies including Classic ASP (JScript), Python, Django, Objective-C, SQL Server, PostgreSQL, MySQL, PHP, and Ruby on Rails.

OPERATIONS TECH ANALYST II, UNUMPROVIDENT — 2002-2004

- Played a key role in a company-wide hardware refresh initiative, supporting over 3,000 employees.
- Configured, audited, and delivered new computers with tailored software installations for each user.
- Developed a Perl application to audit and verify proper software installation on computers prior to delivery.
- Built a C# .NET web application for asset tracking, enabling ticket generation and tracking of each computer through the build and delivery process.
- Enhanced operational efficiency through innovative tooling, reducing deployment errors and streamlining asset management.

EDUCATION

Covenant College, Lookout Mountain, GA — Information and Computer Sciences and Philosophy, 2002

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, JavaScript, Objective-C, PHP, Ruby • **Frameworks/Tools:** Django, ReactJS, NodeJS, Ruby on Rails, AWS CDK
- **Cloud & Infrastructure:** AWS (ECS, RDS, S3, VPC, CloudWatch, Bedrock, ElastiCache, CloudFormation)
- **Databases:** PostgreSQL, MySQL, SQL Server
- **DevOps & CI/CD:** Jenkins, Kafka, Webpack, Babel