

Resume of Chris Mackubin

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Experience

Dec 17 – Present **Cloud/Enterprise Architect**
Blue Sentry Cloud, Remote, US

Blue Sentry is a cloud consulting company and an AWS Premier Partner. As an architect, I design and deliver applications and functionality into the cloud. I put emphasis on the use of best practices and utilizing Infrastructure as Code (IaC), supporting both serverless and container-based architectures.

Mar 12 – Jan 17 **Principal Software Architect**
Peoplefluent, Raleigh, NC

Responsible for giving technical direction across all the corporate product lines and teams. As a global SaaS company, Peoplefluent has acquired numerous products developed in an array of technologies (C#.Net, Java, etc).

- Being an advocate and knowledge base for technologies, development practices and designs.
- Keeping focus on our corporate goal of both moving and redesigning our products for the cloud.
- Maintaining a very broad knowledge outside of development, in areas such as networking, security, performance, devops, automation...
- Building prototypes to prove technical choices, performance, and/or for comparison.
- Worked to streamline the CI/CD processes. Evaluated many associated products. Some of the products prototyped and/or used Chef (Ruby), Drone, Jenkins, Rancher, Docker
- Platform development, including security (SSO, OAuth) and API gateways (AWS, Layer7)
- Extensive use and automation of AWS utilizing both Cloud Formation and Terraform
- Micro services built with .Net Core and deployed to Docker (Linux) containers
- Non-SQL databases; such as MongoDB and DynamoDB along with more traditional relational databases, like SQL Server.
- Evaluating and troubleshooting performance/availability issues. (Dynatrace, Gomez, Truesight)

Sept 10 – Mar 12 **Director of Software Engineering**
Peoplefluent, Raleigh, NC

- Engineering responsibility for the Vendor Management System (VMS) product line.
- Oversight of a 20-25-member team spread over development, database, operations (remote and local).
- Responsible for production support, performance, budget and availability.
- Closely interacted with product management on release content and schedules.
- Improved efficiency with more agile development cycles and an emphasis on CI/CD.

Nov 05 – Sept 10 **Software Development Manager**
Peopleclick, Raleigh, NC

- Managed the development staff and technical direction for product within the corporate goals.
- Remote and local staff.
- Performed a significant upgrade to the product taking it from VB6, C+, XSL to .Net and a feature rich front end based on Ext.js & Ext.Net
- Product was backed by a multi-tenant SQL server with a separate ODS database for BI.

May 04 – Nov 05 **Software Development Consultant**

Multiple contracts. Projects such as: work on a Vendor Management System (VMS), work on an AP system, development of an EDI interface, SQL Server query optimizations.

July 98 – April 04 **Manager of Software Development**

North Carolina Electric Membership Corporation, Raleigh, NC

- Responsible for the department of Information Management's budget, project plans, system design, architecture decisions and management of the department's employees.
- Directed the daily tasks of the programmers, database staff, and analysts while reporting directly to the Director of Information Services.
- Numerous systems were mission critical, requiring 24/7 support, risk analysis, disaster recovery plans, and designs that eliminated single points of failure.
- Data platforms used included: Oracle, Progress, Dbase, Paradox, Access, DB2. The primary database platform used in development was Microsoft SQL Server.
- Utilized JD Edwards One World system heavily along with using several Computer Associates products, Report2Web and Geneva for the HR/Payroll system.

Nov 96 – July 98 **Software Development Consultant / Owner**

Outbreak Software, Inc., Raleigh, NC

- Clients in the banking, utilities, and pharmaceutical industries.
- Full time software development consultant/architect and managed work for another full-time employee.

1991 – Oct 96 **Developer / Analyst / Project Leader**

Software Plus, Inc., Durham, NC – previously Integral, Inc., Midrange Division

- Software plus is an HR, Payroll, and accounting software provider.
- Worked with customers to design, quote, and build out their customizations.

Recent Certifications

- AWS Certified Solutions Architect -- Professional
- AWS Certified DevOps Engineer – Professional
- AWS Certified Security - Specialty
- AWS Certified Solutions Architect – Associate
- AWS Certified Developer – Associate
- AWS Certified SysOps Administrator – Associate