

# Ben Follis

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## Who am I?

An experienced developer who's done a little bit of everything. I've worked on the frontend, the backend, deployed servers, managed clouds, and started a company. I'm looking for remote roles with interesting problems and meaningful work.

## Experience

<b>Sr. Staff Engineer</b>	Narvar Inc.	2022 – Present
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Lead engineer for entire Returns org

- Initiated transition to API first architecture
- Mentor for engineering staff
- Lead Architect for returns services
- Interfaces with product team to assist in feasibility and roadmap

TypeScript / Node / Java / Spring / React

<b>Application Engineer</b>	Machinify Inc.	2021 – 2022
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- React front end (primary focus)
- Scala and Python back end

Node / React / Python / Scala

<b>Co-Founder</b>	Uclusion Inc.	2019 – 2021
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- AWS Lambda + API Gateway REST Interface
- Capability based access control with JWT as the interchange format
- DynamoDB database layer
- Cognito identity provider
- S3 object storage
- React front end
- CircleCI for CI/CD

AWS Lambda / Node / React / Python

<b>Senior Computer Scientist II</b>	Adobe Inc.	2011 – 2019
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- Designer and maintainer of Adobe Sign contract storage system based on S3
- Maintainer of document ingestion and processing pipelines

- Designer and maintainer of CloudFormation based CI/CD toolchain
- General backend systems performance hacker
- Lead migration to AWS from hosted datacenter
- Owner of outbound event webhook systems, including SSL/TLS negotiation components
- Created Solr Cloud based contract metadata search subsystem
- Reference and guide for new hires
- Architecture and design reviewer

Java / Python / Ruby / S3, EC2, CloudFormation / Spring / Solr Cloud / Hibernate / MySQL

**Sr. Engineer** EchoSign.com 2009 – 2011 Acquired by Adobe and became Adobe Sign

- Co-designer of Capability based document security model
- Full stack development of electronic contract signing

Java / Spring

**Design Engineer** Zmanda Inc. 2007 – 2009

- Designed and developed enterprise backup solution based on OSS Amanda Backup.

PHP

**Sr. Programmer Analyst** State University of New York 2004 – 2007

- Application design and development lead for the Office of Library and Information Services

Ruby / Java

**Web Developer** Advantage Performance Network 2003 – 2004

- Creator and maintainer of e-commerce and rewards web sites

.NET / JS

## Education

**M.S. Computer Science** SUNY Albany 2004 – 2007

**B.A. Computer Science** Gustavus Adolphus College 1998 – 2002

## Patents Granted

- 10,291,409 Storing, migrating, and controlling access to electronic documents during electronic document signing processes
- 10,250,393 Automatic E-signatures in response to conditions and/or events
- 10,032,133 Automatically identifying authorized signatories from an organization for executing an electronic document
- 10,026,109 Linking contracts to deliverable items
- 9,984,242 Attestation for electronic signatures
- 9,942,396 Document distribution and interaction
- 9,842,201 Privacy preserving electronic document signature service
- 9,760,960 Automatically modifying electronic agreements for execution
- 9,692,601 Automatically preventing unauthorized signatories from executing electronic documents for organizations
- 9,646,355 Use of near field communication devices as proof of identity during electronic signature

process

9,614,681 Private electronic signature service for electronic documents

9,544,149 Automatic E-signatures in response to conditions and/or events

9,531,545 Tracking and notification of fulfillment events

9,521,001 Privacy preserving electronic document signature service

9,411,971 Automatically preventing unauthorized signatories from executing electronic documents for organizations

9,323,937 Methods and systems for establishing and enforcing document visibility rights with an electronic signature service

8,844,055 Methods and systems for establishing and enforcing document visibility rights with an electronic signature service

## **Hobbies**

Ham Radio - KJ6KZW Amateur Extra

Aviation - PPL ASEL