





Zachary R. Servies

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Education

Purdue University

B.S. Computer & Information Technology (CIT), *Purdue Polytechnic Institute*
Minor in History, *College of Liberal Arts*

West Lafayette, IN, USA
August 2014 – 2018
Graduation: May 2018

Work Experience

Software Engineer – JavaScript, Angular, Node.js, AWS

Sogeti – KAR Global/Liberty Mutual

Designed, developed, and deployed client-facing solutions using Angular2+, Node.js, and AWS microservices. Developed reusable library of UI components consumed by all developers on agile release train. Collaborated closely with product owner to receive/provide feedback on UI/UX designs and decisions. Developed and improved multiple user interfaces to be responsive on mobile devices. Developed and deployed AWS API Gateways and Lambdas for executing project business logic. Collaborated with other Scrum teams on release train to ensure best practice and product vision are achieved.

Indianapolis, IN, USA
2019 - Present

Associate Software Engineer – Python, ABAP, SAP

Infosys Limited

Developed personalized SAP application to meet client store's transactional business requirements. Completed specialized training SAP, SAP Fiori, and SAP's ABAP programming language. Also received training in SAPUI5 SDK.

Indianapolis, IN, USA
2018 - 2019

Teaching Assistant – CNIT 180 Intro to Systems Development

Purdue University – Purdue Polytechnic Institute

Facilitate learning in the laboratory environment for 25+ students. Assist new CIT student's first experiences with databases, SQL, and UML. Inspect weekly UML/SQL assignments.

West Lafayette, IN, USA
2017 - 2018

Projects

GOLFriend – React, Express.js, Node.js, MongoDB

GOLFriend is a web application built to track statistics, scores, and improvement strategies for amateur and professional golfers. The application utilizes React and Material UI on the frontend, with dashboards that display, create, and modify a user's golf statistics. Data is passed through a REST API built using NodeJS + Express.js where validations, calculations or modifications may be made before finally persisting to MongoDB.

Vinyl Collections – React, Redux, Node.js, Serverless, Amazon Web Services

Vinyl Collections is an application developed using React, Redux, Lambda, DynamoDB, and API Gateway. The application deployed and configured using the Serverless framework. The application stores information about a user's vinyl record collection such as album name, artist/band, number of tracks, rating, and description. This data is stored in an AWS DynamoDB table and can be queried, created, edited, and deleted by the user.

Lyrlist – Angular, Express.js, Node.js, MongoDB

Developed using the MEAN stack, Lyrlist is a web application that allows users to share music lyrics written by themselves or by another artist. The application utilizes a REST API to pass lyric posts to and from MongoDB. Users can revisit their own posts later or browse posts by other users.

ZachServies.me – Angular, Node.js

Personal portfolio site developed with Angular/Node and deployed to GitHub Pages.

Interactive Dictionary – Python, JSON dataset

Developed an interactive dictionary using a JSON dataset and Python. The dictionary accepts an input and searches for a definition within the dataset. The definition is displayed if found, if not found the dictionary uses a ratio-of-correctness to determine words a user may have intended.