Jacob Beneski

DevOps Engineer - Austin, TX

Phone: 512-673-9369
Email: jacob@bene.ski
Website: https://jacob.bene.ski
LinkedIn: http://s.bene.ski/lnkin
GitHub: github.com/jacobacon

WORK EXPERIENCE

General Motors, Austin, TX — DevOps Software Engineer

July 2020 - Present

- Designed, implemented and maintained CI/CD pipelines for 20+ microservices and legacy Java applications.
- Supported operations of applications in Non-Production and Production environments.
- Developed custom tools and scripts to support development, operations and support teams.
- Kafka, Redis, Elasticsearch, Kibana, Pulsar, Java Spring boot
- Migrated monolithic Java application and 25+ applications to new microservices architecture on Kubernetes

H2O Analytics, Remote —Software Development Contractor

June 2016 - Present

- Implemented file handling features such as importing and exporting in Java based file format conversion tool.
- Designed and constructed Node.js API to integrate Open Source Routing Machine delivery routing into existing web apps.
- Researched solutions for experimental solar-powered communication hubs at remote well sites.

Best Buy, Bee Cave, TX — Geek Squad: Advanced Repair Agent

April 2016 - December 2019

- Diagnosed and repaired complex hardware and software issues of more than 25 client's computers a week.
- Increased repair efficiency and throughput by 25% by streamlining diagnostic and repair procedures.
- Interacted with clients to formulate solutions for their computing and electronics needs.
- Documented diagnostic results and repair solutions in a concise and informative manner.

Best Buy, Bee Cave, TX — Mobile Phone Sales Consultant

October 2013 - April 2016

- Consulted with customers about mobile phone solutions based on their individual usage, requirements and preferences.
- Collaborated with customers to find appropriate service plans based on plans from three major service providers.

EDUCATION

St. Edward's University, Austin, TX.
Bachelor of Science in Computer Science

August 2016 - December 2019

SKILLS

Technical Skills:

Languages: Java, Python, Node.js, TypeScript

Infrastructure: Pivotal Cloud Foundry, Proxmox, Kubernetes

Node.js: Express, Mongoose, Jest, npm

Web Technologies: JavaScript,HTML,CSS, Bootstrap, Vue.js, Angular

Database: MongoDB, MySQL, ElasticSearch, Redis

Tools: API development, SCRUM, SAFe Agile,User Centered Design, git

Ops: Linux / BASH, Azure, CI/CD, Automated testing

Soft Skills:

Leadership, Collaboration, Flexibility, Curiosity, Complex Problem Solving

AWARDS

PROJECTS

Homelab — *Personal Servers for Experimentation*

- Run multiple servers in a self-hosted environment for testing, experimentation and personal services.
- Deployed 10+ VMs and Linux containers on Proxmox hypervisor.
- Setup Docker containers for hosting 20+ applications including Portainer, OwnCloud and Traefik.
- Experiment with Kubernetes clusters, monitoring tools

We-IoT — *Senior Level University Project*

- Teamed with a seven person SCRUM team to achieve a proof of concept digital transformation analytics tool utilizing IoT technology for the wind turbine industry.
- Provisioned and maintained two Digital Ocean cloud environments with tools including nginx, Node.js, MongoDB and React.
- Configured Continuous Integration and Continuous Deployment for four git repositories and two cloud environments including unit testing utilizing Jest and Puppeteer.
- Drafted and enforced a set of coding guidelines and a Quality Assurance framework which improved team performance by 20%.
- Facilitated inter-team peer reviews and composed intelligible status report communicating quality of seven system components.

We-Go — *Junior Level University Project*

- Partnered with a seven person SCRUM team on a proof of concept innovative self-driving vehicle company.
- Developed scalable backend services for login, registration and logout for six web apps.
- Designed wireframe web apps to demonstrate the scalability of the project.
- Utilized Artillery stress and load testing to verify architecture would sustain load and Proof of Concept could continue development and proceed to pilot.

Bin-Buddy — *Final Senior Project*

- Engineered, designed and implemented asset management application for Austin Dumpster Service to improve their operating efficiency.
- Bin-Buddy keeps track of customers, orders and dumpsters in a simple and easy to use web application.
- Implemented fast, responsive frontend using Vue, Bootstrap, and various npm utility packages.
- Developed a secure and scalable backend utilizing Node.js and MongoDB, hosted on Heroku IaaS to maximize uptime and reliability.

General Motors - Critical Technology Talent Award:
April 2023

General Motors - Received

St. Edward's University Dean's List:
Fall 2018, Spring 2019

Eagle Scout:
October 2013