Jacob Beneski

Software Engineer - Austin, TX

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PROJECTS

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 — *Personal Project / 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 scalable backend utilizing Node.js and MongoDB, hosted on IaaS services to maximize uptime and reliability.

CookPy — *University Project*

- Designed an experimental interpreted stack based programming language based on programming language best practices.
- Implemented basic scripted language functionality including math operations, variables and input / output using Python3 for underlying logic.

EDUCATION

St. Edward's University,
Austin, TX.
Bachelor of Science in Computer Science
August 2016 - December 2019

SKILLS

Development Skills:

Node.js, Web Technologies, Bootstrap, jQuery, Vue.js, Jest, MongoDB, Java, C++, Python, JavaScript, API development, SCRUM / Agile, User Centered Design, git, Linux / BASH, Mobile Development (iOS - Swift, iOS / Android - Flutter), Big Data

Soft Skills:

Leadership, Collaboration, Flexibility, Curiosity, Complex Problem Solving

AWARDS

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

Eagle Scout:
October 2013

WORK EXPERIENCE

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.

H20 Analytics, Remote —Software Development Contractor

Mid-2016 - Present

- Implemented GUI features and in enterprise desktop Java applications.
- Designed and constructed Node.js API to integrate Open Source Routing Machine routing into existing web apps.

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.

I (Jacob Beneski) give permission to Ian Martin/Logic Point to represent me for the APS Developer position.