ANTHONY J. BELL

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Professional Summary

DevOps engineer with over a year of experience with concepts of automation and continuous integration / continuous delivery of software. My interests and capabilities as a developer ranges from the lower level system integration and deployment up to the development of software for frontend and backend aspects of software.

Skills

Programming Languages:

- Python, Java, Javascript, C, C++, Matlab, HTML, NodeJs.

Libraries and Frameworks:

- Node, JQuery, Express, React

Tools & Platforms:

- Kubernetes, Docker, Git, MongoDb, Postman, Linux

Other Relevant Skills:

- API design knowledge.
- Extensive knowledge with Agile/Scrum Methodology.
- AWS experience such as creating and working with instances using EC2.
- Strong critical-thinking and problem-solving skills

Education

Bachelor of Science: Computer Science   2016
University of California, Davis - Davis, CA

- Process and Performance Improvement coursework
- Computational Science and Engineering coursework

Master of Science: Software Engineering   2018
San Jose State University - San Jose, CA

- A specialization in Software Systems Engineering
- Software Quality Assurance and Product Lines coursework
- Cloud Virtualization and Optimization coursework
- SQL and database concepts coursework

Work History

DevOps Engineer   05/2018 to Present
Nokia Software – San Jose, CA

- Built and deployed a testing framework with Kubernetes and docker containers to pre-production and production environment utilizing automated CI/CD pipelines.
- Heavily used Python to develop the core infrastructure of a test platform used to monitor servers health/productivity and provision new servers.
- Lead a team of interns to improve our test environments that consist of complex topologies of Linux nodes, based on distributions like Ubuntu.

Software Engineer Intern   06/2017 to 09/2017
Bluescape – San Carlos, CA

- Wrote REST APIs with NodeJs for product's workspace.
- Analyzed and designed relational database schemas using MongoDB/Mongoose.
- Designed virtual collaboration application components.
- Evaluated multiple software solutions during early software architecture plotting and system migration planning stage.
- Mentored a younger intern by teaching them how REST calls and APIs work and how to write them, as well as NodeJs.

Systems Administrator   08/2016 to 05/2017
San Jose State University – San Jose, CA

- Tested and deployed scalable, highly available and modular software products.
- Wrote and implemented scripts to enhance user experience and integrated scripts with Linux.