

Christophe “Will” Bedu

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Technical Acumen

Languages

- JavaScript
- SQL
- Java
- Python
- C++
- HTML
- PowerShell
- Bash

Frameworks

- React
- Redux
- jQuery
- Angular
- Bootstrap
- Express

Tools

- Azure Cloud
- Google Cloud Firebase
- AWS
- Node.js
- Git
- Linux Environments
- Ansible
- NGINX
- DigitalOcean

Work Experience

Site Reliability Engineer Associate/ Platform Automation – Northern Trust Corporation

Jan 2020 - Present

- Developed full stack containerized React monitoring and audit system and microservices
- Developed python and bash automation scripts for monitoring, parsing, and resource configuration
- Authored design document for new application

Public Cloud Engineer/ DevOps – Northern Trust Corporation

Jul 2019 – Jan 2020

- Minimize deployment time for application teams by authoring infrastructure as code
- Automated virtual machine configuration by developing Ansible roles
- Developed scripts to parse audit logs for security reporting
- Developed scripts to audit cloud environments for quality assurance and cost management

Service Desk Student Staff Supervisor - University of Illinois at Chicago - Student Affairs

Dec 2017 – May 2019

- Lead a team of 12 students to provide support to over 30+ departments and achieve a 94% satisfaction rating
- Develop scripts to automate processes to ensure peak efficiency for team operations
- Train employees to communicate with clients in person and digitally according to company standards
- Devise cross-training plans to best facilitate growth within the service desk team
- Administrate remote computer deployment and management interface for 600+ computers
- Generate reports to identify and resolve staff weak points

Software Engineering Intern - CDK Global at Hoffman Estates

Jun 2018 – Aug 2018

- Developed front-end production code through several sprints of the Agile Software Lifecycle
- Utilized Angular, React, and Redux framework to deliver front-end code that met user experience specifications
- Authored rest API on cloud platform to effectively load balance and achieve client satisfaction
- Designed relational database to allow for efficient indexing and fetching

Personal Software Projects

Full Stack Development Project

- Developed full stack for a website and hosted at the request of an extremely satisfied client.
- Utilizes NGINX as load balancer for web clusters
- Implemented back-end using Google Cloud Firebase
- Technologies: AWS, DigitalOcean, Linux VMs, Google Firebase, DigitalOcean, NGINX, Node.js, JavaScript, Git, splunk

Torn Toolkit

- Developed a series of tools to surpass in-game competition and to facilitate learning new programming languages
- Monitors player specified flags and notifies players through email service
- Technologies: AWS EC2, Linux, Node.js, JavaScript, Python, Java, Web API

PieShell

- Collaborate with a team of developers to create a front-end solution for users to learn and supplement Command-line interfaces using radial menus and modals
- Designed UX based on user testing data; Ran several iterations of user testing
- Technologies: Node.js, React, Express, JavaScript

Education

University of Illinois at Chicago (UIC)

May 2019

Bachelor of Science in Computer Science

Relevant Coursework: Cloud Computing, Networks, Database Systems, Data Structures, Computer Algorithms, System Security, Visual Analytics, User Interface Design, Computer Architecture, Software Engineering, Computer Languages and Automata