

BEE (BRANDON) SCHMERSAL

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GitHub: <https://github.com/bee-dmg> | Location: Pittsburgh, PA

SUMMARY

Experienced Software Engineer with a Master's Degree in Software Engineering and 2+ years of professional experience. Proven track record of delivering projects efficiently and on time. Strong problem-solving skills with the ability to make self-directed impactful changes and contributions. Skilled in full-stack web and mobile development, DevOps, and Agile methodologies. Seeking a challenging software developer role in a dynamic organization.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, Python

Frameworks/Libraries: React, React Native, Node.js, Express, Spring Boot

Databases: MySQL, MongoDB, Firebase

Tools/Technologies: Git, GitLab, Docker, AWS, Ansible, HTML, CSS, Bootstrap

Project Management: Full-Cycle Project Management, Strategic Planning, Process Improvements

EDUCATION

Master of Software Engineering, The Pennsylvania State University, Great Valley, PA, 2024 Full

Stack Web and Mobile Development Bootcamp, Nucamp Coding Bootcamp, 2021 Bachelor of

Science Graphic Design, California University of Pennsylvania, California, PA, 2011

CERTIFICATIONS

Lean Six Sigma White Belt, Feb 2023

PROFESSIONAL EXPERIENCE

DevOps Engineer (Senior Production Services Application Support Analyst)

BNY Mellon, Pittsburgh, PA December 2022 - Present

- Automate security vulnerability solutions, including SSL Certificate installation.
- Advocate for Agile methodologies to improve software delivery processes.
- Assist in cloud monitoring migrations by providing app teams advice and support.

Production Services Application Support Analyst

BNY Mellon, Pittsburgh, PA September 2022 - November 2022

- Created Ansible playbooks to automate manual tasks and validate in lower environments.
- Work with application teams to onboard and test GitLab CI/CD deployment pipelines.
- Develop a Java proof of concept application, and deploy with GitLab CI/CD and Google AppEngine.
- Documented processes in the internal wiki.

Customer Support Specialist

SoundStack, Pittsburgh, PA April 2022 - September 2022

- Responded to customer tickets and hosted scheduled support sessions.
- Contributed articles to the internal wiki to expand the knowledge base and save employee time.
- Developed two React applications as proof of concept for future tools, a technician dashboard/toolkit, and a billing calculator saving 5 hours per week, per technician.

End User Support Analyst

Armada Supply Chain Solutions, Pittsburgh, PA 2019 - 2022

- Supported software and hardware needs for more than 400 users.
- Administered Active Directory and O365.
- Developed base images for deployment using Macrium Reflect and VirtualBox.
- Migrated end-users from Windows 7 to Windows 10 and addressed security risks and patches.
- Contributed to internal documentation with technical documentation.
- Simplified imaging process to save about three hours on each of 100 computers per year and increase productivity by 300+ hours annually.
- Supported the hardware and software for a transitioning workforce during the global pandemic, saving hundreds of hours of productivity.

Support Center Technician

R1 RCM, Pittsburgh, PA 2018 - 2019

- Provided routine Tier 1 troubleshooting and product support by telephone.
- Aided hardware needs for external clients, including imaging machines.
- Trained new Tier 1 and Tier 2 staff.
- Ran SQL queries to verify user access.
- Contributed to internal Wikipedia, saving technicians 3-6 hours of time daily by automating permissions granted to accounts through the GUI and developing batch files to further streamline productivity.

Billing Support Specialist - Part-Time

Clockwise, Pittsburgh, PA 2018-2021

- Supported the application I designed
- Continued to simplify and automate systems
- Found multiple billing errors saving \$20K-\$30K of missed revenue yearly

Floor Manager

Clockwise, Pittsburgh, PA 2017-2018

- Educated and mentored new staff on safety and development
- Served as technical support specialist for operations
- Spearheaded production and distribution via liaisons with staff to complete orders within tight deadlines and proper resources
- Streamlined shipping processes utilizing Lean methodologies and worked with carriers to decrease shipping costs by more than \$20K by negotiating with carrier

Inventory Manager

Clockwise, Pittsburgh, PA 2015-2017

- Developed billing application with Shopify, Skuvault, and Shipstation API to save 400+ hours yearly
- Provided service to all fulfillment and print-on demand clients
- Utilized multiple web applications to integrate clients into Clockwise's environment and solve all related issues