DYLAN MURPHY

SOFTWARE ENGINEER | dylanpmurphy.com

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github | Linkedin

TECHNICAL SKILLS

Software

AWS, MYSQL, REST, Django, SSH, Git, Active Directory, Sharepoint, PowerBI and Linux

Programming Experience:

HTML, CSS, Javascript, Python, Java, C

EDUCATION

University at Albany, SUNY *Bachelor of Arts in Computer Science, 2018*

- Minors: Psychology and Cognitive Science

CODING DOJO *Full Stack Web Development Coding Bootcamp, 2020*

- 16 weeks intensive coding Bootcamp
- "**Black Belt**" Coding Dojo's highest level of achievement

aws certified
Cloud Practitioner

aws certified
Solutions Architect
Associate

PROJECTS

MoodPics   **Github Demo**

An Instagram-inspired social network where users can categorize their visual content based on mood.

- Built application end-to-end using Python Django REST Framework with SQLITE.
- Empowered rich user engagement where users can Upload, Like, and Comment with AJAX.
- Utilized bcrypt to create a secure authentication system to ensure users would only be allowed to delete pictures and comments that they post. It also was used to validate users who were genuinely sending posts, likes, and comments from their accounts.
- Utilized AWS S3 Storage Buckets to provide scalability and enhance security when users upload content.
- Deployed using Nginx, Gunicorn, Ubuntu, and AWS EC2

PowerBI - Automated Reporting

Developed, administered and rolled out automated sales, operations and executive reporting from our ERP system.

- Worked with PowerBI SME to translate business logic and SQL queries from current reports into a PowerBI Model
- Worked with our ERP partener and administered ODBC connection and automatic refreshes
- Established row level security to have region based views as well as an executive view
- Created documentation so others could build reports on top of the data model we created

EXPERIENCE

INSIDE SOURCE | August 2018-Present

System Administrator(APR 2021 - Present | San Francisco Bay Area, CA)

IT Support (*Feb 2019-Apr 2021 | San Francisco Bay Area, CA* *)*
*Business Development Intern (**Aug 2018-Feb 2019 | New York, NY* *)*

- Leveraged technical expertise to remotely deliver support to over 350 internal users across 9 physical locations and remotely around the country during work from home.
- Administered Windows users through Active Directory(On-Prem & Azure), Microsoft 365, and Microsoft Exchange
- Managed corporate data access through Windows File Server(On-Prem), FSx(AWS), and Microsoft Sharepoint/OneDrive
- Improved scalability of onboarding new hires and increased operational readiness by creating operating system and application deployments with Microsoft Endpoint Manager with Intune MDM.
- Primary project manager for PowerBI project. Took manual Sales Reporting workflow and with the PowerBI Data Gateway provided streamlined, more detailed and insightful reporting with minimal manual overhead.

ADDITIONAL EXPERIENCE

Racine Cancer Care Foundation | Technology Specialist   *Jun 2018-Feb 2019 | Islip, NY*

Royal Health Care (ILS) | Data Analyst Intern   *June 2012-2017*