

Ganga Acharya

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SUMMARY

Experienced Production Supervisor with over six years of expertise in quality investigations, corrective action implementation, and detailed documentation. Proficient in Java, Python, C/C++, SQL (Postgres), and JavaScript. Well-versed in development tools including Git, Gradle, and VS Code.

EXPERIENCE

Production Supervisor

Jan 2015 – May 2021

Biofire Diagnostics

Salt Lake City, UT

- Led production team, ensuring efficiency and compliance with company policies
- Managed production schedules, optimized operations, and collaborated with cross-functional teams
- Conducted quality investigations, implemented corrective actions, and maintained documentation
- Served as technical expert, resolving issues and contributing to process improvement initiatives

EDUCATION

Millersville University

Millersville, PA

Bachelor of Science in Computer Science

Jan. 2022 – May 2024

Salt Lake Community College

Salt Lake City, UT

Associate's in General Education

Dec. 2020

PROJECTS

UML Editor | *Python, Tkinter, Pygame, pytest*

Jan 2024 – May 2024

- Developed a Python-based UML Editor with MVC for efficient CLI and GUI diagram management
- Built a custom parser and integrated CI/CD to streamline development and operations
- Ensured application reliability and quality through robust exception handling and 100% pytest coverage
- Crafted a user-friendly GUI, optimized for accessibility and refined via user feedback

Responsive Blogger Website | *Javascript, MongoDB, Bootstrap, Node.js*

Jan 2024 – May 2024

- Developing a dynamic blogger page using Amazon Lightsail with MEAN stack
- Employing MVC architecture to structure the application, facilitating maintainability and scalability
- Integrating RESTful APIs to enhance the functionality and user interaction of the blogging platform
- Utilizing HTML/CSS and Bootstrap for responsive and uniform web interface across multiple devices

Search Engine | *Java, PostgreSQL, Gradle, Tomcat*

Jan 2023 – May 2023

- Created a Java search engine using PostgreSQL, integrating Potter Stemmer and stopword filtering
- Implemented advanced search algorithms, PageRank, and indexing techniques for document retrieval
- Built inverted indices for quick, precise searches across vast datasets
- Analyzed link graphs for document importance, enhancing the search engine's result prioritization

SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS

Frameworks: Node.js, Bootstrap, WordPress, Express.js, Angular

Tools: Git, Gradle, VS Code, Visual Studio, IntelliJ, Eclipse, Sublime, AWS Lightsail, CI/CD, JWT

Soft Skills: Communication, leadership, multitasking, analytical problem solving, team collaboration