

# Gopal Godhani

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## EDUCATION

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### Cleveland State University

*M.S., Information System*

**May 2021**

*Cleveland, OH*

- Awarded Monte Ahuja Scholarship in Fall 2020 based on academic standing, 3.55/4.0 GPA.

### Cleveland State University

*B.S., Computer Science*

**May 2019**

*Cleveland, OH*

- Placed on Dean's List 2018.

## WORK EXPERIENCE

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### Miracle Software Systems

**Oct. 2021 – Present**

*Software Engineer*

*Novi, MI*

- Contributed to the development of APIs for a portal focusing on monitoring the health and performance of the data movement infrastructure, using Java, Spring Boot, JPA, and JDBC in an Agile environment.
- Designed and implemented RESTful endpoints to serve and consume data from frontend and other sources, ensuring efficient data flow and communication.
- Collaborated with cross-functional teams to ensure seamless integration and deployment of new features and services.
- Occasionally contributed to frontend tasks using React, modifying components as needed.
- Gathered and analyzed requirements, collaborated with stakeholders to define project scope, and ensured alignment with business objectives.
- Used Docker for containerization and leveraged AWS services for application deployment and management, improving scalability, reliability, and consistency.
- Onboarded vendors and applications for various data movement integrations, enhancing system extensibility and scalability.
- Utilized tools and technologies including Java, Spring Boot, JWT, JPA, JDBC, Oracle SQL, and React.

## SKILLS, PROJECTS & INTERESTS

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- **Skills:** Java, Python, Go, R, Spring Boot, JPA, JDBC, RESTful APIs, Docker, AWS, JWT, Oracle SQL, Django, React, JavaScript, TypeScript, Maven, IBM Sterling
- **Projects:**
  - **Blog app:** build backend-only blog app using Java, Spring Boot, Spring Security, JWT, JPA, and MySQL; containerized using Docker and deployed on AWS.
  - **IPL Dashboard:** created an informative dashboard for IPL data using Spring Boot, Spring Batch, JPA, and ReactJS; deployed on AWS
  - **Employee Management System:** created a CRUD application for operations on records using Java, Spring Boot, JPA, and Angular.
  - **Animated Tic-Tac-Toe:** developed interactive tic-tac-toe game w/ GUI using Java, JavaFX, Servlet
  - **Customer Classification based on History:** built a decision tree models based on various customers data and trained the model in Weka and R to classify if the customer is good, bad or risky for credit loan
  - **PCA and SVD analysis of Boston Housing Data:** linear regression model using the principal components and singular value decomposition and then compare the output with another linear regression model built using the original data. The code was written in R programming language.
  - **Merger and Acquisition Systems Dynamics:** developed dynamic model using Vensim for merger and acquisitions identifying the underlying dynamics and critical factors for determining success during the post-integration phase using concepts and tools of systems thinking and modeling
- **Interests:** hiking; weightlifting; yoga; Reddit; reading