

# JEFFREY MOHAN

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## SUMMARY

Passionate and results-driven backend developer with expertise in Golang and Java, seeking to leverage my skills and experience to contribute to innovative projects in a dynamic team environment.

## EDUCATION

**Bachelor of Science in Computer Science, April 2013-May 2017**

**National University of Singapore**

Graduated Magna Cum Laude with a GPA of 3.5 on a 4.0 scale

### Courses included:

Computational Mathematics	Virtual Reality
Mobile Development	Physical Computing and the Internet of Things
Games Development	Software design and development
3D Graphics and Animation	Computer security

## EXPERIENCE

**RedBlink Technologies Pvt. Ltd, June 2020-March 2024**

**Senior Backend Developer, Remote**

- Developed and maintained scalable backend services using Golang, handling high volumes of data processing.
- Designed and implemented RESTful APIs to support frontend applications, ensuring efficient communication between server and client.
- Integrated third-party services and APIs, such as payment gateways and authentication systems, to enhance platform functionality.
- Optimized database queries and data access layers to improve overall application performance and response times.
- Collaborated with cross-functional teams, including frontend developers and QA engineers, to deliver high-quality software solutions on time and within budget.

**SunArc Technologies Pte Ltd, April 2018-January 2020**

**Backend Developer, Remote**

- Assisted in the development of backend modules for a cloud-based enterprise application using Java and Spring Boot framework.
- Participated in code reviews and collaborated with senior engineers to refine software architecture and design.
- Conducted unit testing and debugging to identify and resolve software defects, ensuring the reliability and stability of the application.
- Contributed to the documentation of software requirements, design specifications, and technical manuals.

**Tech Start-up, February 2017-March 2018**

**Web Developer, Remote**

- Built and maintained multiple client websites using modern web technologies.
- Converted design mockups into fully functional and responsive web pages.
- Integrated third-party services and APIs to enhance website functionality.
- Debugged and resolved front-end issues, ensuring a smooth user experience.
- Assisted in the migration of legacy codebases to modern JavaScript frameworks.

**PROJECTS**

**Online Bookstore Application**

*June 2022 – March 2024*

*Technologies Used: Golang, Gin, PostgreSQL*

Developed a scalable online bookstore application from scratch using Golang and Gin framework. Designed and implemented RESTful APIs for user authentication, product catalog management, and order processing. Integrated with a PostgreSQL database for data storage, ensuring data integrity and consistency. Implemented caching mechanisms to improve application performance.

**Inventory Management System**

*June 2020 – December 2021*

*Technologies Used: Java, Spring Boot, MongoDB*

Contributed to the development of a microservices-based inventory management system using Java and Spring Boot. Designed and implemented backend services for product inventory management, order fulfillment, and warehouse operations. Utilized MongoDB as the database backend for storing and querying product inventory data. Implemented RESTful APIs for seamless integration with frontend applications.

**Authentication Microservice**

*June 2018 – December 2019*

*Technologies Used: Golang, JWT, Redis*

Developed a standalone authentication microservice using Golang and JWT (JSON Web Tokens) for token-based authentication. Integrated with Redis for session management and caching of authentication tokens, improving scalability and performance. Implemented secure password hashing and encryption techniques to enhance user data security.

**SKILLS**

Programming Languages: Golang, Java, SQL

Web Frameworks: Spring Boot, Gin

Databases: MySQL, PostgreSQL, MongoDB

RESTful API Development

Microservices Architecture

Version Control Systems: Git

Agile Development Methodologies

Problem-solving and Analytical Skills

**ACHIEVEMENT**

- Achieve 3 times Best Employee of Month in RedBlink Technologies pvt Ltd.
- 5 Years of hands on programming experience across various technologies.