**MOHAMMED AMEEN**

***GOLANG DEVELOPER***

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# PROFESSIONAL SUMMARY

Resourceful and results-driven developer with robust expertise in **back-end development using Golang**. Demonstrated ability to design and implement scalable **RESTful APIs, optimize PostgreSQL databases**, and enforce secure **JWT-based authentication** and Redis caching. Possessing **intermediate front-end** skills in **HTML, CSS, and JavaScript**. Passionate about technology, continuous learning, and driving project success from conception through deployment.

# SKILLS

[★★★★☆] | Golang | PostgreSQL | MySQL

[★★★☆☆] | Java | HTML | JavaScript | CSS | Redis | JWT

# PROFESSIONAL EXPERIENCE

***Golang Intern*** *• makBig, Kannur June 2024 – February 2025*

**Full Stack Development**

* Developed scalable **RESTful APIs** using Golang and the **Gin framework**, integrating with **PostgreSQL databases** for robust data management.
* Designed and implemented secure authentication systems leveraging **JWT and Redis** for session management.

**Back-End Engineering**

* Optimized **database schemas and queries** in PostgreSQL, employing **GORM** and raw SQL for performance tuning.
* Built a comprehensive **admin panel** for managing users, bookings, and hotel listings with a focus on secure and efficient operations.

**Front-End Integration**

* Collaborated in integrating dynamic **front-end elements** with back-end services, ensuring seamless user experiences.

**Project Highlights**

* Developed a **hotel booking platform** featuring **email OTP verification** and efficient caching strategies with Redis.
* Conducted extensive **API testing** with **Postman** and maintained detailed technical documentation to support ongoing improvements.
* Utilized **Go routines and channels** to handle **high concurrency** and improve application performance.
* **Wallet Feature:** Implemented a digital wallet system to facilitate quick transactions and refunds.
* **Coupons System:** Designed a flexible discount and promo code system to enhance user engagement.
* **Payment Integration (Razorpay):** Integrated Razorpay for seamless online transactions, including UPI, credit/debit cards, and wallets.
* **Redis Caching:** Optimized performance by implementing Redis caching for frequently accessed data, reducing database load.
* **Booking Reports:** Developed a reporting module to generate and analyze booking trends and revenue insights.
* Applied **data structures and algorithms** to optimize **application logic** and query performance.
* Conducted **API testing** using **Postman** and documented all endpoints.



***Python Intern*** *• Riss Technologies, Kannur January 2024 – June 2024*

**Back-End API Development**

* Designed and built RESTful APIs using Python’s Flask framework to facilitate efficient data exchange between front-end and back-end components.
* Managed **MySQL databases** and deployed applications on a **WAMP server** for enhanced scalability

**Front-End and Full Stack Collaboration**

* Developed user interfaces using HTML, CSS, and JavaScript, bridging front-end design with back-end functionality.
* Collaborated with cross-functional teams to integrate mobile-friendly features using **Android Studio.**

**Documentation & Reporting**

* Authored **comprehensive technical documentation** detailing system architecture, coding standards, and development best practices.
* Compiled reports summarizing operational outcomes and performance metrics for continuous process improvement.

# EDUCATION

***Bachelor of Computer Application (BCA), Computer Programming***

*Srinivas University, Mangalore*