SAMRAT SHAHAJAHAN
Software Engineer

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Professional Experiences

➢ **Full Stack Software Developer – (Full Time) – ITCorner**
- **Location:** Dhaka, Bangladesh (On Site)
- **Duration:** 04/2024 to Present
- **Responsibilities & Achievements:**
  - Spearheaded the development of cutting-edge e-commerce solutions using Go (Golang).
  - Designed and implemented scalable, high-performance backend systems with Go's concurrency features.
  - Led the development of a user-friendly Ecommerce Admin Dashboard, integrating Go-based APIs.
  - Engineered RESTful APIs and managed seamless third-party service integrations.
  - Demonstrated expertise in database schema design, query optimization, and performance tuning.
  - Conducted comprehensive unit testing, integration testing, and code reviews to maintain high code quality.
  - Built and integrated new UI components across various projects, collaborating closely with frontend teams.
  - Designed system processes and workflows to support new CMS application initiatives.

➢ **Full Stack Software Developer - (Full Time) – (Pitec Clinical)**
- **Location:** Texas, USA (Remote)
- **Duration:** 04/2023 – 03/2024
- **Responsibilities & Achievements:**
  - Developed scalable and high-performance e-commerce platforms using Go (Golang).
  - Designed secure, efficient backend services to handle product catalogs, order management, payments, and user authentication.
  - Built and optimized Go-based APIs for seamless frontend-backend communication across e-commerce web and mobile apps.
  - Integrated third-party services such as payment gateways, shipping providers, and CRM systems.
  - Designed database models for product inventory, user accounts, shopping carts, and transaction histories, ensuring consistency and scalability.
  - Implemented caching strategies and background job processing to improve system responsiveness and reliability.
  - Led backend efforts for building a modern Ecommerce Admin Dashboard with real-time analytics and reporting.
  - Ensured high code quality through rigorous testing, performance monitoring, and continuous improvements.

Technologies

- ➢ **Expertise**
  - · **Languages**: Go, Javascript
  - · **Environment, Frameworks & Others**:
    Gin, Ollama, Kafka, Jenkins, Protobuf, React.js, Electron.js, Next js, Node.js, Nest.js, Express.js, React Native, MongoDB, PostgreSQL, MySQL, ORM (Gorm, Sequelize, Prisma, Mongoose), Websocket, GraphQL, REST API, GRPC, AWS, Stripe, Paypal, Google Play Console, Google Merchant, Google Ads, Google Pixels, Google Map, Google Shop, Shopper Approved, Google Review, Apple Developer Program, Apache, IIS, DNS, VPS, Port Forwarding.
  - · **UI Libraries**:
    - ▪ Material UI, Chakra UI, Ant Design, Tailwind CSS
    - ▪ Bootstrap, React Bootstrap
- ➢ **Tools**
  - · Linux OS, Github, Bitbucket, Postman, Altair, React Dev Tools, Notion, Slack, Discord, Trello.

Projects

- ➢ **LMS – Pre School Learning Management System - Github**
  - · **Technologies**: Go, Gin, Gorm, Kafka, Grpc, Protobuf, Postgresql, Prime React, Redux, RTK, Next Auth & JWT, Microservice etc.

- ➢ **Trading Platform - Backend - Github**
  - · **Technology:** Go, Fiber, Gorm, Grpc, Protobuf, Mongodb, Jwt, Micro Service, Kafka.

- ➢ **CRM - Forex Client and Finance Management**
  - · **Technologies**: Laravel, Mysql, MT4, MT5, Payment Gateway, Tailwind, Jquery, Ajax.

- ➢ **Trading Platform - EdgeTrader - Window | Macos | Web | Android | IOS**
  - · **Technology:** React Native, Node Js, Electron.js, Mongodb, Prisma, Kafka. Swift, Kotlin, Echart.

Educations

- ➢ **Canadian University of Bangladesh (2024 - Present)**
  - · B.Sc. in Computer Science and Engineering, Dhaka.
- ➢ **BCMC College of Engineering & Technology (2011 - 2015)**
  - · Diploma, Jashore.
- ➢ **Alamdanga Govt. Pilot High School**
  - · SSC, Alamdanga, Chuadanga.

Achievements

- ➢ Hacker Rank Problem Solving || **Profile Link**