PARANIETHARAN PALASUNTHARAM
ASSOCIATE SOFTWARE ENGINEER

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Colombo, Western Province.

PROFESSIONAL SUMMARY

Experienced Software Engineer with hands-on expertise in full-stack development and proven track record at Qlub. Skilled in modern web technologies, database management, and cloud services with strong problem-solving abilities and collaborative mindset.

WORK EXPERIENCE

- **Qlub** *Aug 2025 - Present*
  Associate Software Engineer Colombo, Sri Lanka
  ○ Developing backend services using Go and Python with focus on scalable architecture
  ○ Implementing adapter pattern for seamless integration between different systems and APIs
  ○ Working with REST APIs, SOAP APIs, and web scraping solutions for data integration
  ○ Managing multiple database systems including MySQL, MSSQL, PostgreSQL, and Firebird DB
  ○ Collaborating with cross-functional teams to deliver robust software solutions

- **Qlub** *Feb 2025 - Jul 2025*
  Software Engineer Intern Colombo, Sri Lanka
  ○ Gained hands-on experience in backend development using Go and Python
  ○ Learned industry best practices for API development and database management
  ○ Participated in code reviews, agile development processes, and team collaborations
  ○ Worked on data integration projects involving web scraping and API integrations

EDUCATION

- **University of Moratuwa** *June 2022 - present*
  BSc.(Hons) in Information Technology Moratuwa, Colombo

TECHNICAL SKILLS

Programming Languages: Go, Python, Java, JavaScript, TypeScript, C, C++
Frontend Technologies: React.js, Next.js, CSS, HTML, TailwindCSS, Material-UI
Backend Technologies: Go, Python, Spring Boot, Node.js, Express.js
API Technologies: REST API, SOAP API, Web Scraping
Database Technologies: MySQL, MSSQL, PostgreSQL, Firebird DB, MongoDB
Design Patterns: Adapter Pattern, MVC, Repository Pattern
Cloud & DevOps: AWS, Azure, Docker, Git
Tools: Postman, Figma, VS Code, Git
Languages: English (Professional), Tamil (Native)
Soft Skills: Problem Solving, Team Collaboration, Agile Development, Communication, Leadership

PROJECTS

- **Focus List - Task Management Application**

  ○ **Technologies:** React.js, Node.js, MongoDB, Express.js
  ○ Developed a comprehensive task management application with intuitive user interface
  ○ Implemented features including task creation, prioritization, deadline tracking, and progress monitoring
  ○ Applied responsive design principles ensuring seamless experience across desktop and mobile devices
  ○ Integrated real-time updates and notification system for enhanced user productivity

- **SEO Audit Tool - Website Analysis Platform**

  ○ **Technologies:** Python, Web Scraping, REST APIs, Data Analysis
  ○ Built an automated SEO audit tool that analyzes websites for optimization opportunities
  ○ Implemented web scraping techniques to extract metadata, performance metrics, and SEO indicators
  ○ Developed comprehensive reporting system providing actionable insights and recommendations

- **TradeConnect - E-Commerce Platform**

  - **Technologies:** React.js, Spring Boot, MySQL, RESTful APIs
  - Developed a comprehensive e-commerce platform enabling shop owners to list and sell products online
  - Implemented secure user authentication, product management, and payment processing systems
  - Integrated real-time analytics dashboard for sales insights and customer behavior tracking
  - Applied responsive design principles ensuring seamless user experience across all devices

- **Glamod E-commerce Application**

  - **Technologies:** Spring Boot, MySQL, Docker, Microservices Architecture
  - Architected and developed a scalable e-commerce platform using microservices architecture
  - Implemented secure payment gateway integration and JWT-based authentication system
  - Optimized database queries and API endpoints, achieving 40% improvement in page load times
  - Deployed application using Docker containers ensuring consistent development and production environments

- **Library Management System**

  - **Technologies:** React.js, Spring Boot, MySQL, WebSockets
  - Built a comprehensive web-based library management system with role-based access control
  - Implemented real-time data synchronization using WebSockets for live inventory updates
  - Deployed on Microsoft Azure with CI/CD pipeline ensuring high availability and scalability
  - Reduced manual administrative tasks by 40% through automated inventory management

CERTIFICATIONS

- **Introduction to Databases for Back-End Development** – Coursera
- **Python for Data Science, AI & Development** – Coursera
- **Introduction to DevOps** – Coursera
- **Programming in Python** – Coursera

REFERENCES

Dr. Thilina Thanthriwatta
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