

SM Sayef

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Professional Summary

Software Developer with 2+ years of professional software development experience in the design and development of secure, data-driven web applications and internal tools. Strong skills in Python, Django, REST APIs, React, relational databases, Git, Docker and Linux. Proven record of improving performance, reducing defects and delivering reliable solutions. Known for excellent written and oral communication skills, positive attitude, strong problem solving ability and a self-starting approach with a focus on continuous learning and self improvement.

Work Experience

Golden Exchange Inc. - Digital Payments & Finance Company

Software Engineer | October 2023 - Present | Hobart, Australia

- Designed and developed backend services using Python, Django and Django REST Framework for authentication, KYC, entitlements, wallets and trade execution, supporting secure and scalable web applications.
- Implemented RESTful APIs with strict validation, logging and versioning, reducing integration-related support issues by approximately 20 percent.
- Built responsive, cross-browser compatible React front end components for internal dashboards and monitoring tools, reducing UI-related support tickets by approximately 25 percent and improving user experience.
- Optimised MySQL and PostgreSQL queries and schemas, reducing key query latency by approximately 35 percent and improving stability during peak usage.
- Introduced asynchronous and near real-time processing with Celery and Redis for trade workflows and notifications, improving API responsiveness and system resilience.
- Developed and maintained unit tests, integration tests and API test cases integrated into GitHub Actions CI/CD pipelines, contributing to fewer production defects and smoother releases.
- Docker to containerise services and standardise environments across development, testing and production, reducing environment-related issues by approximately 30 percent.
- Collaborated within an Agile team, participating in planning, daily stand ups, reviews and code reviews, and contributed to continuous improvement of development processes.
- Produced technical specifications, API documentation and internal user guides to support maintainability, onboarding and client-focused delivery.
- Worked closely with security, compliance and operations teams to ensure services met security, reliability and regulatory requirements with a strong client focus.

Education

Master of Information Technology and Systems

University of Tasmania, Australia | 2023 | GPA: 5.81/7

Bachelor of Science in Electronics and Telecommunication Engineering

North South University, Bangladesh | 2017 | 79%

Certifications

- CompTIA Network+ (N10-009) – 2025
- ITIL Foundation Certificate in IT Service Management – 2025

Skills

- **Software Engineering & Development:** Software development life cycle (SDLC), system design, technical specifications, documentation, continuous improvement, maintenance of production services, support for client projects and enterprise workflows.
- **Programming & Software Skills:** Python, JavaScript, SQL. RESTful API design, object-oriented programming, scripting, debugging, troubleshooting, performance tuning.
- **Web Applications & Frontend:** Django, Django REST Framework, Flask, web applications, React.js, HTML5, CSS3, responsive design, cross-browser compatibility, secure forms, client-server integration.
- **Backend, Data & Systems:** API architecture, authentication and authorisation, entitlements, input validation, MySQL, PostgreSQL, SQLite, schema design, indexing, query optimisation, experience with data-driven and integration-heavy systems for government and enterprise style environments.
- **DevOps, CI/CD & Docker:** Git for version control (branching, pull requests, code reviews), CI/CD pipelines with GitHub Actions, Docker for containerisation, Linux server environments, basic cloud-hosted deployment and monitoring.
- **Testing & Quality Assurance:** Test case design, unit testing, integration testing, API testing, regression testing, logging and monitoring for root-cause analysis, defect reporting and tracking.
- **Security & Reliability:** Secure coding practices, least-privilege access, configuration management, data integrity and reconciliation between systems, focus on robustness, observability and high availability.
- **Collaboration, Communication & Teamwork:** Strong written and verbal communication, effective collaboration with developers, stakeholders and clients, Agile delivery, stakeholder engagement, clear explanation of technical issues, reliability, positive attitude and willingness to learn.