# SONYTA NGET

**Software Engineer**

10630 Timberstone Rd, Johns Creek, Georgia 30022

(470)-470-0949  [sonytanget23@gmail.com](mailto:sonytanget23@gmail.com)  <http://www.linkedin.com/in/sonyta-nget>

# SUMMARY

Master of Computer Science candidate and software programming professional with two years progressive experience in various programming languages, specializing in Java. Solid knowledge and experience in enterprise level application and software development using object oriented-programming, SOLID principles, design patterns, database design concepts and algorithm techniques. Profound experience participating in all software development life cycle using Agile methodology includes business requirement analysis, software architecture design, software development and implementation, and testing. Self-driven, highly motivated, dynamic, result-focused, proactive, and capable of working under pressure with ability to prioritize and supervise multiple tasks simultaneously to meet deadlines.

# AREAS OF EXPERTISE AND TECHNICAL SKILLS

Java Programming • Web Application Development • Software Engineering • Authorization & Security • Database Design & Development Technical Project Management • Software Development Lifecycle • TDD Development • Mobile/ iOS Application Development • User Interface Design

|  |  |
| --- | --- |
| **Languages** | Java |
| **Frameworks** | Spring, Spring MVC, JPA, Hibernate, JDBC, Android |
| **Web Services** | RESTful |
| **Web Technologies** | JSP, HTML, CSS, Bootstrap, JavaScript, AJAX, jQuery, AngularJS, JSON, XML |
| **Web Security** | Spring Security |
| **Application Servers** | Apache / Tomcat |
| **Database Servers** | PostgreSQL, MongoDB, MySQL |
| **Cloud Platform** | Amazon Web Service, Pivotal, Cloud foundry |
| **Design Patterns** | Singleton, Factory Method, Abstract Factory, Observer, Template Method, MVC, MVVM |
| **Algorithms / Data Structures** | Big O, Sort, Search, Linked List, Stack, Queue, Tree, Graph |
| **Methodologies** | Agile (Scrum, Kanban), Test-driven development, Waterfall, Domain-driven design |
| **Testing** | JUnit, Mockito |
| **Build Tools** | Maven |
| **Source Version Control** | Git |
| **IDE / Utilities** | Eclipse, IntelliJ IDEA, Navicat Premium, Visual Studio Code, Figma, Adobe XD, Git, Trello, Flow, StarUML, GitHub Desktop, MongoDB Compass, MySQL Workbench, Visual Studio (VS), Postman, Jira |
| **Operating Systems** | Windows 10, Mac OS |
| **System Architecture** | Micro Service |

# PROFESSIONAL EXPERIENCE

***CAREER NOTE:*** *Completed on-campus studies and currently taking distance education courses to complete a* ***Master's Degree in Computer Science*** *(Available for full-time, W-2 employment).*

**KOSIGN CAMBODIA INVESTMENT CO., LTD., Phnom Penh, Cambodia • 2020-2022**

Korean software company focusing on finance software and IT outsourcing.

**Software Engineer**

* Developed new features and fixed bug in enterprise application
* Implemented core business and application layers.
* Used various frameworks to implement enterprise architecture such as *Spring Boot, Hibernate, Spring Data JPA, RESTful API, JUnit, JSP, JavaScript, jQuery, SQL, React.js*.
* Collaborated with fellow team members on integration and unit testing of the system.
* Worked in Agile and Test-Driven Development environments.

***Technologies Used:*** *Spring Boot, Hibernate, Spring Data JPA, RESTful API, JUnit, JSP, JavaScript, jQuery, SQL, React.js*

## Major Projects:

* **Human Resource Management System:** Allow users to input information related to candidate/staff with his/her qualification and specialty. Also use the specialty and qualification to match with qualified candidate for that position.
  + Responsibilities:
    - Design UI screen using HTML, CSS, Bootstrap, JavaScript, and jQuery
    - Using jQuery to select DOM Element and event handling
    - Using Spring MVC to develop application
    - Using hibernate as ORM to integrate the software with MySQL Database
    - Develop test cases using JUnit test and do integration test before pass to QC
    - Using GIT for version control
    - Using Agile (Scrum/ Kanban) for Software development life cycle
    - Implement Spring Security to secure application

**SAORSA SEA CO., LTD., Phnom Penh, Cambodia • 2019-2020**

Microsoft partner company focusing on finance software and IT outsourcing.

**IT Officer**

* Manage information technology and computer systems
* Plan, organize, control, and evaluate IT and electronic data operations.
* Manage IT staff by training and coaching, communication job expectations and apprising their performance
* Ensure security of data, network access and backup system
* Act in alignment with user needs and system functionality to contribute to organization policy
* Identify problematic areas and implement strategic solutions in time
* Audit system and access their outcomes
* Preserve assets, information security and control structures
* Migrate email account to Microsoft 365

***Technologies Used:*** *Microsoft 365, Microsoft Dynamics Business Central, Microsoft Planner, Windows Sandbox*

**ACADEMIC PROJECTS**

**Library Management System:** Collaborated with team of 3 to design first iteration of system for librarians to check out books for library members and administrator can add new books to collection, create new library members, and edit library member information (making CRUD operations). Created Class Diagram in which class attributes and operations, associations, and inheritance relationships are shown. Created Sequence Diagrams to model several use cases. Implemented Swing for User Interface along with Java8 to improve system performance.

**Dictionary Project:** Developed simple website that functions as Online English Dictionary and is stored on web server as SQL table to retrieve definition based on word input from users. Designed User Interface with HTML, CSS, JavaScript, and jQuery. Used Node.js and AJAX to handle data from database and send JSON to browser.

**Library Management System:**Collaborated with team to design library system for users and administrators to encompassing books’ collection, membership, and additional data management features. Implemented microservices to integrate all services in the project. Used frameworks like Spring, Hibernate, Spring Security and MySQL Database.

**House Searching:**Collaborated with team of 3 to design a real estate system for users and agencies to find houses based on locations and price ranges. Designed user interface components and project layout with Angular Material. Implemented a login-based system using JWT. Used Heroku to host project online and used frameworks like Node.js and MongoDB.

**Koldao Project:** Developed mobile application to track user locations. Built database with PostgreSQL and implemented API with Spring Boot. Created mockup screens with Adobe XD. Used Alamofire to fetch data from database to display on view controller.

**NomDer Project:** Created Khmer-based travel web application for users to share traveling experiences with other users. Designed user interface with React.js and Bootstrap. Implemented API using Spring Boot. Used PostgreSQL for design database. Created mockup screens with Figma.

**EDUCATION**

**Master of Science in Computer Science**

*(In progress via distance education; expected completion Dec 2024)*

Maharishi International University, Fairfield, Iowa

*Key Courses: Fundamental Programming, Modern Programming,*

*Web Application Programming, Enterprise Architecture, Modern Web Applications, Algorithms*

**Bachelor of Science in Computer Science (2021)**

Royal University of Phnom Penh, Phnom Penh, Cambodia

*Key Courses: Data Structure and Algorithms, Database System, Java Programming,*

*Object-Oriented Analysis, Design and Programming, Software Engineering, Web Application*

**PROFESSIONAL DEVELOPMENT**

Korea Software HRD Center Training

**Java:** J2SE (Basic Java / OOP Concepts), J2EE (MVC Pattern)

**Web:** HTML, CSS, JavaScript, CSS Flexbox, Bootstrap 4, React.js, JSON

**Spring:** Spring Boot, Data Access, Spring RESTful Web Service, Spring Security, JSON Web Token

**Database:** Data Modeling, PostgreSQL, SQL (Basic SQL, Advanced SQL)