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PROFESSIONAL QUALIFICATIONS

❖ Amazon Web Services (2018 – 2021)

AWS Certified Developer – Associate

Certmetrics Badge: <https://qao.glsErZDy>

Credential Id: NQVLD3P1CJE11DGD

ACADEMIC QUALIFICATIONS

❖ University of Colombo School of Computing

B.Sc. in Computer Science (2014 – 2017)

❖ IDM Nations Campus, Matara

Dip. in Web Engineering (2012 – 6 months)

Successfully completed obtaining 'A' grade for final individual project.

❖ Narandeniya Central College, Kamburupitiya

G.C.E. Advanced Level (2009 – 2012)

(Z-Score 1.8691 / island rank 930)

Combined Mathematics – A

Physics – A

Chemistry – B

SANDUN CHAMARA WANNIARACHCHI

"Results-oriented and innovative Software Engineering Professional with 5+ years of experience. Thrives within tight deadlines by applying agile development strategies. Excited to work in a challenging R&D environment while shaping up my technology stack and sharing the knowledge."

WORK EXPERIENCE AT A GLANCE

❖ Timeline

- **Senior Software Engineer, Wiley Global Technology Pvt. Ltd.**
(Dec. 2020 – present / 1y 6m)
- **Software Engineer, Pearson Lanka Pvt. Ltd.**
(Feb. 2019 – Dec. 2020 / 1y 8m)
- **SYNERGEN Health LLC.**
Software Engineer (Mar. 2018 – Feb. 2019 / 11m)
Associate Software Engineer (Mar. 2017 – Mar. 2018 / 1y)
- **Software Engineer Intern at ITESS Pvt. Ltd.**
(Sep. 2016 – Mar. 2017 / 6m)

❖ Technologies

Java (7,8 & 11), Spring (Framework, Security & Cloud), HashiCorp Vault, Kafka, Docker, RabbitMQ, Hibernate, Junit, Mockito, Maven, LDAP, Active Directory, Red Hat SSO, Cloudflare, ReactJS, git, Jenkins, Sonarqube, Dynatrace, Grafana, Contrast Security, ELK Stack, Fiddler

❖ AWS stack

EC2, S3, ECR, EKS, SQS, Route 53, RDS, Service Catalog, CloudFront, CloudWatch

❖ Databases

MongoDB, PostgreSQL, MS SQL, Oracle DB

❖ Design Patterns

Factory, Singleton, Builder, Prototype, Adapter, Facade, Chain of Responsibility, Strategy

❖ Development Tools

IntelliJ, Eclipse, Android Studio, Arduino IDE, VS Code, Find Bugs, Check Style, Sonar Lint

❖ Development Methodologies

Agile Scrum, Waterfall

❖ Operating Systems

Linux, MacOS, Windows

❖ Industries

Publishing, Education, Healthcare Insurance, Hospitality

❖ **Wiley Global Technology Pvt. Ltd., Colombo, Sri Lanka****December 2020 – present****Project:** ALM (Access and License Management)**Project Role:** Senior Software Engineer – Java/ Java EE**Industry:** Publishing, Education and Research**Project Summary:** ALM is Wiley's Digital Identity and Entitlement platform for managing Users' Identity, Authentication, Authorization and Entitlements.**Technologies Used:** Java 8/11, Spring (Framework, Security & Cloud), HashiCorp Vault, Kafka, Docker, Hibernate, Hystrix, Junit, Mockito, Maven, LDAP, Active Directory, Red Hat SSO, Cloudflare, ReactJS, git, Jenkins, Sonarqube, Dynatrace, Grafana, Contrast Security, ELK Stack, Fiddler**Responsibilities:**

- Research and Development
- Production incident support
- Unit testing and security fixes
- DevOps support
- Contribute to the hiring process and train junior developers

❖ **Pearson Lanka Pvt. Ltd., Colombo, Sri Lanka****September 2019 – December 2020****Project:** SOCKET (Third-party Interoperability Next Generation)**Project Role:** Software Engineer – Java/ Java EE**Industry:** Education**Project Summary:** SOCKET is the next generation infrastructure software system where a set of microservices gathered to facilitate the interoperability between tool consumers (i.e. learning management systems such as Moodle, Blackboard or D2L) and learning platforms such as MathXL (AKA tool providers).**Technologies Used:** Java 7/8, Spring Boot, Eureka, Zuul, Hystrix, Spring cloud configuration, Spring cloud bus, AWS (EC2, ECR, EKS, S3, SQS, Fargate, Route 53, CloudFormation, CodeDeploy, CloudWatch), Gitlab CI/CD, Docker, Jenkins, RabbitMQ, Hibernate, MongoDB, Maven, JUnit, Mockito, git, Jenkins, Fiddler, Newrelic, Grafana**February 2019 – September 2019****Project:** TPI (Third-party Interoperability Current Generation)**Project Role:** Software Engineer – Java/ Java EE**Industry:** Education**Project Summary:** Pearson's Third-Party Interoperability (TPI) is an infrastructure software system that provides interoperability between tool consumers (i.e. learning management systems such as eCollege or Sakai) and content and learning platforms such as MathXL (AKA tool providers).**Technologies Used:** Java 7/8, SpringMVC, Spring Boot, Eureka, Zuul, Hibernate, Oracle SOA, Oracle SQL, Maven, Gradle, JUnit, Mockito, sonarqube, Jenkins, git, Swagger, Fiddler, Newrelic, Monza, Dlogs**Responsibilities:**

- Research and Development
- Production incident support
- Unit testing and security fixes
- System monitoring and patching support
- DevOps support

❖ **SYNERGEN Health LLC., Colombo, Sri Lanka**

March 2017 – February 2019

Project: SYNERGEN Pay Platform

Project Role: Software Engineer – Java/ Java EE

Industry: US Healthcare Insurance

Project Summary: SYNERGEN Pay is a Java web application which enables practice management system integration and automate patient statements generation. Application includes generating patient statements, sending reminder notifications and online payment facilities for patients.

Technologies Used: Java 1.7/1.8, Java EE 7.0, Spring Boot, Spring Security, Hibernate, Hikari, MongoDB, MS SQL, RabbitMQ, OAuth 2.0, Bootstrap, Angular 5, jQuery, REST, Thyme leaf, JUnit, Mockito, GIT, Gradle, Jenkins

Responsibilities:

- Research and development
- Backend functional developments
- Backend and frontend integration
- Unit testing
- Deployment management
- Bug fixing
- UAT/PROD support

❖ **ITES Software Pvt. Ltd., Colombo, Sri Lanka**

September 2016 – March 2017

Project: HOTEL Key

Project Role: Software Engineer – Android/ Java/ Java EE

Industry: Sri Lankan Hospitality

Project Summary: HOTEL Key is a Hotel property management system which consist of all front and back office organization features to ensure hassle free management of everyday activities. Comes with PMS, POS, Inventory and Payroll modules.

Technologies Used: Java 7/8, Spring MVC, Spring Security, Hibernate, MYSQL, Ionic Framework, Android SDK, Angular.JS, REST, GIT, Gradle

Responsibilities:

- Research and development
- Functional testing and bug fixing

REFERENCES

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Westpac Bank, New Zealand
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