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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

PROFESSIONAL QUALIFICATIONS

- ❖ **Amazon Web Services (2018 - 2021)**
AWS Certified Developer - Associate
Certmetrics Badge: <https://goo.gl/hFrZDy>
Credential Id: NQVLD3P1CJE11DGD

SANDUN CHAMARA WANNIARACHCHI

"Seeking for a job opportunity as a Senior Software Engineer which gets the chance to work in a challenging R&D environment to shape up my technology stack while sharing the knowledge among people who are passionate about it."

WORK EXPERIENCE AT A GLANCE

❖ Timeline

- **Software Engineer at Pearson Lanka (PVT) Ltd.**
(Feb. 2019 - present / 1y 7m)
- **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, Spring Boot, Spring MVC, Spring Security, Eureka, Zuul, Hystrix, Spring cloud configuration, Spring cloud bus, Docker, RabbitMQ, JPA, Hibernate, Maven, Gradle, JUnit, Mockito, Jacoco, Angular5, ReactJS, Swagger, Oracle SOA, git, Gitlab CI/CD, Jenkins, Rundeck, Sonarqube, Checkmarx, Newrelic, Grafana, Fiddler

❖ AWS stack

EC2, S3, ECR, EKS, SQS, Fargate, Route 53, CloudFormation, CloudWatch

❖ Databases

MS SQL, Oracle DB, MySQL, MongoDB

❖ Design Patterns

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

❖ Development Tools

IntelliJ, Eclipse, Android Studio, Arduino IDE, Sublime text, Find Bugs, Check Style, Sonar Lint

❖ Development Methodologies

Agile Scrum, Waterfall

❖ Operating Systems

Linux, MacOS, Windows

❖ Industries

Education Management, Healthcare Insurance, Hospitality

❖ **Pearson Lanka (PVT) Ltd, Colombo, LK**

Software Engineer – Java/ Java EE (September 2019 – present)

Project: SOCKET (Third-party Interoperability Next Generation)

Project Role: Software Engineer – Java/ Java EE

Industry: Education Management

Project Summary: SOCKET is a 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).

Responsibilities:

- Research and development
- Production incident support
- System monitoring
- Unit testing and Security fixes
- DevOps support

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

Software Engineer – Java/ Java EE (February 2019 – September 2019)

Project: TPI (Third-party Interoperability Current Generation)

Project Role: Software Engineer – Java/ Java EE

Industry: Education Management

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).

Responsibilities:

- Research and development
- Production incident support
- System monitoring and Patching support
- Unit testing
- DevOps support

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

❖ **SYNERGEN Health LLC, Dallas, TX**

Software Engineer – Java/ Java EE (March 2018 – February 2019)

Associate Software Engineer – Java/ Java EE (March 2017 - March 2018)

Project: SYNERGEN Pay Platform

Project Role: Software Engineer – Java/ Java EE

Industry: US Healthcare

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.

Responsibilities:

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

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

❖ **ITES Software (PVT) Ltd, Colombo 05** (Sept. 2016 - March 2017)

Software Engineer Intern – Android/ Java/ Java EE

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.

Responsibilities:

- Research and development
- Functional testing and bug fixing

Technologies Used: Java 1.7/1.8, Spring MVC, Spring Security, Hibernate, MYSQL, Ionic Framework, Android SDK, Angular.JS, REST, GIT, Gradle

REFERENCES

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