H.M. Pubudu Praneeth Jayarathna (he, his, him)

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I am a Software Engineer with 4 years of experience in Java, Flutter, React Js, SQL, Node.js, and more. I have a proven track record of delivering high-quality projects, optimizing database performance, and ensuring data integrity. With expertise in AWS services like EC2, S3, Lambda, and RDS, I can design and deploy scalable cloud-based applications. Proficiency in Java. My passion for continuous learning ensures I stay updated with the latest technologies. I am confident in my ability to drive excellence as a Software Engineer.

Work Experiences

Mar 2022 - Aug 2023	**Software Engineer - ProjectXSpace(pvt) Ltd (Full Time) • Australia**

Develop Google Maps and real-time user tracking system using Flutter 3, create an ecommerce application that supports Payment gateway integration, modify existing functions of web frontends using AngularJS, develop Azure SignalR functions and update APIs using .Net, perform Dart unit testing and application testing, research existing application techniques and technologies, present the currently developed modules to clients and supervisors, and provide customer support.

Modifying an existing Flutter version 2 financial app to support WhatsApp OTP, slider captcha, form validation, testing the app release, and providing customer support. Link to app , Mailchimp AWS Integration and Automation, Documentation, Excel sheets were used for bug management and release tracking

The technologies used include Java 11,PHP, Flutter 3, Core dart, GetX, BLoC, Google Map, Azure, ASP.NET, Github, Firebase, AWS, SQL, Excel, Word

Dec 2020 - Mar 2022	**Software Engineer - Hitachi Digital Payment Solutions(pvt) Ltd (Full Time) • Colombo, Sri Lanka**

Modify existing settlement modules according to the customer requirements(changing the six digit debit card bin to eight digits, bug fixes on Visa CTF file), adjust Visa and MasterCard modules to meet customer requirements, monitor database bugs in the customer's systems at Vattanac Bank, FTB Bank Cambodia, and Nepal Bank, and rectify database errors in Oracle 10g, PostgreSQL, and MySQL databases using SQL querying.

Provide customer support for new module implementation and documentation , Excel sheets were used for bug management and release tracking, as well as review customer issue tickets and provide solutions. *The technologies used include Java 8, J2EE, JSP,Spring boot, Loggers, Kafka, AWS, SQL, Excel, Word*, Please find the task hand over documentation

Apr 2020 - Nov 2020	**Junior Software Engineer - Oensys (pvt) Ltd (Full Time) • Colombo, Sri Lanka**

Develop a B2B Stream Education platform for remote learners. Develop a Spring Boot microservice for notifications, utilizing AWS SNS and SQS. Create an AWS Lambda function to support MailChimp using Python. *The technologies used include Java, Spring Boot, React Js, Redux tool kit, Mongo DB, Design patterns, JUnit 5, Logger, and MySQL.*

Sep 2019 - Mar 2020	**Intern Software Engineer** - **Apigate (pvt) Ltd** (Full Time) • **Colombo, Sri Lanka**
	Contributed to bug fixing, modification, and configuration of WSO2 API Manager and Identity Server. *The technologies used include Java, Spring Boot,Junit, Mockito, and MySQL.*

Opensource project

May 2022 – Present	Flutter Scheduling App for professional video call booking. It includes functions such as user authentication, appointment scheduling, and video calls. Call scheduling is based on professionals' availability, with call reminders for both users and professionals. The app also features a professional profile search and the ability to transition a user profile into a professional profile. Backend APIs have been developed using Node.js. *The technologies used include Flutter, GetX, Web Socket, Google Maps, Agora, and PayPal.* Project Link

Codecanyon project

Dec 2022 – Present	A Flutter-based project for Android that performs encryption and decryption of files (images, videos, audio, or any other type of file) using AES. Users can lock and unlock their files with a preset password. These files can be shared via social media platforms such as WhatsApp. Unless the recipient of the file knows the password, the file will remain unreadable. *The technologies used include Flutter, Localization, Isolate, Material, Google play publish, Sharedpreferences.* Project Link

Education Qualifications

2016 - 2020	Bachelor of Science (hons) in Industrial Information Technology Degree Program (Special) - *The subjects include Programming I (C, Python, Java), Software engineering, System design, Research Methodology, Data Structure and Algorithm, Mobile computing, Industrial Projects (1,2,3), Accounting, Finance, Principle of Marketing, Human resources, Principle of Entrepreneurship, Final year research* Second class lower division : GPA 3.28

Professional Certifications

OCJP 5	Oracle certified Java Programmer 5

Technical Skills

Flutter	Core dart, GetX, BLoC, Web Socket, Google Map, Agora
Java	Core Java, Java 8, Generic & Collection

Backend Java	Spring boot, Spring Security, JPA, Cloud, Apache Kafka
Frontend	HTML, CSS, Tailwind, React js, Redux toolkit
Mobile	Flutter, Android
Testing	Mockito, JUnit
Database	Mysql, Oracle 10g, Mongodb
Cloud	Google cloud, AWS, Azure
CI	Git,Svn, Bitbucket
Envs	Linux, Windows
Build tools	Npm,Yarn, Maven, Gradle

Research publications

2020 International Research Conference 2020 - Uva Wellassa University	Enhancement of Oral and Comprehensive Skills through means of Virtual Reality – The virtual reality game was developed using Unity 3D, and the language model was trained using Dialogflow. *The technologies employed included Unity 3D game design, virtual reality, Android voice recognition, and Android text-to-speech services.*
2019 International Research Conference 2019 - Uva Wellassa University	A customizable virtual reality application for enhancement of Method of Loci - Methods like the Loci technique, which uses visualization and spatial memory, can help recall information. Despite its effectiveness, it's not widely adopted due to its complexity. This research introduces a Virtual Reality app for customizable memory palaces using Unity3D and Google Cardboard, potentially aiding learning and psychology. *The technologies employed included Unity 3D game design, virtual reality, android app development*
2018 International Research Conference 2018 - Uva Wellassa University	Sixty Seconds Robot-An Effective Development Approach for Robot Programming - Researchers have developed a device utilizing the Pomodoro technique, equipped with RGB LEDs and a timer, helping users stay focused on their tasks by providing visual and auditory cues. In the future, this device may evolve into an IoT tool for monitoring and sharing productivity data. *The technologies used Arduino, C programming, electronics*

Honors & Awards

NBQSA	National Best Software Qualification Merit Award - 2018
NBQSA	National Best Software Qualification Merit Award - 2017

Volunteer experience

2018- 2019	Organizing and coordinating computer society members to make decisions in alignment with computer society rules, seeking permission from the authorities for electrical

Secretary of Computer society	work/buildings/studio, coordinating workplace arrangements for functions, organizing Hackathon competitions, inviting guests, and conducting various workshops in the university to enhance the skills of our students, scheduling and facilitating meetings, preparing meeting minutes, and managing the year-end budget, and appointing next year's computer society members
2017- 2018 Representative of Computer society	Provide support to members of the Computer Society and disseminate information about the Computer Society's decisions and upcoming events to university students.

REFERENCES AVAILABLE UPON REQUEST