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

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As a Software Engineer with 4 years of experience in Java, Flutter, React Js, SQL, Node.js, and more, the track record includes delivering high-quality projects, optimizing database performance, and ensuring data integrity. Demonstrating expertise in AWS services such as EC2, S3, Lambda, and RDS, excelling in designing and deploying scalable cloud-based applications. Proficient in Java, a passion for continuous learning ensures staying updated with the latest technologies. Confident in driving excellence as a Software Engineer.

Work Experiences	
Sep 2023 – Present	**Software Engineer - WildTrack AI R&D (Remote, Volunteer) • USA** **Domain** : **Research** Fix performance issues in the current application and participate in the development of Mobile app, integrate Sentry, and conduct code reviews. Convert the Figma UI into pixel-perfect Flutter widgets. *The technologies includes : Flutter 3, Sentry, Dart, Github* **Summary of the Achievement** Improving the quality and performance of the app
Mar 2022 - Aug 2023	**Software Engineer (Java,React, Flutter, AWS) ProjectXSpace(pvt) Ltd (Remote, Full Time) • Australia** **Domain** : **Ecommerce** Created React Spring boot ecommerce application that supports Payment gateway integration, modified existing functions of web frontends using React Js, Develop AWS SNS functions and APIs using Java Spring boot. Developed Google Maps and real-time user tracking system using Flutter 3, performed Dart unit testing and application testing, researched existing application techniques and technologies, presented the developed modules to clients and supervisors, and provide customer support. *The technologies used include Java 11, Spring boot , Flutter 3, Core dart, GetX, BLoC, Google Map, Github, Firebase, AWS, SQL, Excel, Word* **Summary of the achievement** Expanded the selling of physical goods into e-commerce.
Dec 2020 - Mar 2022	**Software Engineer (Java, Spring boot, React) Hitachi Digital Payment Solutions(pvt) Ltd (Full Time) • Colombo, Sri Lanka** **Domain** : Banking

Modified existing settlement modules according to the customer requirements(Ex: 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.

Provided 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.

Summary of the achievement
Improved the performance of Bank databases
Enhanced the Banking modules file processing using concurrent execution
Identified the protential security threats of the banks

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	**Software Engineer (Java, Spring boot, AWS)** **Apigate (pvt) Ltd** **(Full Time)** • **Colombo, Sri Lanka**

Domain : **Education**

Developed a B2B Stream Education platform for remote learners. Developed a Spring Boot microservice for notifications, utilizing AWS SNS and SQS. Created 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*.

Summary of the achievement
Gained a wealth of knowledge on Spring Boot and AWS, along with refining time management skills and achieving goals

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	Oracle certified Java Programmer
AWS	Udemy course certifications

Volunteer experience

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