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

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Work Experiences	
Jan 2023 - Present	**Full Stack Software Developer - Xentura(pvt) Ltd (Remote, Part Time)● Sri lanka** **Project Description:** I am involved in the development of Process automation of a Garment company . **Contributions** • Conducting requirement analysis and preparing documentation. • Analyzed manual processes. • Identifying the best technological solutions. • Developed the architecture of the system. • Designing diagrams and technical documents. **Future goals** • Deploy the system. • Troubleshoot issues and provide customer support. **Technologies :** Python 3, Djongo, React, Nest Js, Microsoft Azure
Mar 2022 - Aug 2023	**Full Stack Developer - ProjectXSpace(pvt) Ltd (Remote, Full Time) ● Australia** **Project Description:** The client wanted to develop a Point of Sale and E-commerce application with a Delivery Application. **Contributions** • Solution design and review of the architectural framework for the backend software using AWS resources (cloud technologies) and open-source tools. • Created a React Spring Boot e-commerce application with support for Payment gateway integration. • Developed a Flutter-based Point of Sale System. • Developed AWS SNS functions and APIs using Java Spring Boot. • Implemented Mailchimp AWS Integration and Automation; Documentation and Excel sheets were utilized for bug management and release tracking. • Applied microservice concepts to middleware services and some of the front-end services. • Developed highly available RESTful services APIs to meet business needs. • Implemented Spring boot Authorization and authentication service. **Project Description:** Client wanted to develop a financial application that supported personal banking. **Contributions** • Modified an existing Flutter version 2 financial app to support WhatsApp OTP, slider captcha, form validation. • Troubleshoot issues and provided customer Customer support. • Tested the app release, and provided customer support. Link to app **Technologies :** Flutter 3, Core Dart, GetX, BLoC, Google Map, AWS, Java, Spring boot, Microservices, Firebase, SQL, Excel, Word, Gitlab, WebSocket, Spring Security, JPA, Cloud, Apache Kafka **Achievements** Expanded the selling of physical goods into e-commerce. Fixed the Issues in the financial module.

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

Project Description: The settlement process is a banking reconciliation process. The clients are banking institutes, and this process includes payment posting to Visa and Mastercard, as well as handling dispute scenarios.

Contributions
- Modified existing settlement modules according to customer requirements (e.g., changing the six-digit debit card bin to eight digits, bug fixes on Visa CTF file).
- Enhanced the Bin extraction function using Java concurrent executions.
- Adjusted modules for Visa and MasterCard to meet customer requirements.
- Updated reconciliation modules to support Visa and Mastercard mandates.
- Monitored database bugs in customer systems at Vattanac Bank, FTB Bank Cambodia, and Nepal Bank, and rectified 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 reviewing customer issue tickets and providing solutions.

Technologies : Java 8, J2EE, JSP, Spring Boot, Loggers, Kafka, AWS, SQL, Excel, Word

Achievements
- Improved the performance of bank databases.
- Enhanced file processing for banking modules using concurrent execution.
- Identified potential security threats to the banks.
- Improved existing functions for efficiency.

Please find the task hand over documentation

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

Project Description: The client expressed a need for the development of an e-learning application that facilitates online exams, video tutorials, assessments, and grading. The objective of this project was to develop a B2B Stream Education platform for remote learners.

Contributions

- Developed the user dashboard using ReactJS for the frontend.
- Developed a Spring Boot microservice for supporting AWS SNS notifications for receiving messages to the student groups.
- Developed a Microservice to upload education materials.

Technologies: Java, Spring Boot, React Js, Redux toolkit, Tailwind Css, MongoDB, JUnit 5, Logger, MySQL, Microservice, Lombok, Eureka discovery service and service register, Api gateway, Hystrix dashboard

Achievement

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

Sep 2019 - **Mar 2020**	<u>**Intern Software Engineer**</u> <u>- Apigate (pvt) Ltd (Full Time)</u> ● <u>Colombo, Sri Lanka</u> Contributed to bug fixing, modification, and configuration of WSO2 API Manager and Identity Server. **Technologies:** Java, Spring Boot,Junit, Mockito, and MySQL.

Education
Qualifications

2016 – *2020*	Bachelor of Science (hons) in Industrial Information Technology Degree Program (Special) ● Subjects include Programming (C, Python, Java), Software Engineering, System Design, Research Methodology, Data Structures, Algorithm, Mobile Computing, Industrial Projects, Accounting, Finance, Marketing, Entrepreneurship. ● Second Class Lower Division: GPA 3.28

REFERENCES AVAILABLE UPON REQUEST