Anandraj Elumalai
Software Developer

A Full Stack Developer with over 6 years of experience specializing in Software development in Banking and Finance (**Cards and E-Payments**) domain. Strong aspiration in designing and developing Cloud Native Applications. Interested in a challenging technical career with continuous learning and honing skills as passion.

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WORK EXPERIENCE

PayPal
Software Engineer 2
09/2021 - Present
Payment Card Platform
Self acquiring and processing of card transactions

- PayPal has started acquiring and processing debit & credit cards in a wider goal to reduce overall transaction expense. This initiative will greatly reduce the various fees associated with card processing & gives merchants huge relief.
- Developed API, batch applications for **card transactions processing** & secure file transmission with external sources.
- Involved in review, testing, ramp up and production bug fixes which reduced the estimated ready to market rate by 15%.

Fiserv
Software Developer, Specialist
10/2019 - 09/2021
Product - Zelle
Fraud Machine Learning Model - FML Model

- **Fraud Machine Learning Model** is an advanced risk detection strategy for an electronic transaction. Every transaction will be scored based on the risk evaluation and various attributes of the transaction. The ML model provides a robust policy to handle fraudulent transactions using the most recent and current training data.
- Improved performance of the traversal logic by using Binary Tree structure which mitigated the time complexity by 40%.
- Built Test, production simulation models for the FML Model.

Wipro
Project Engineer
11/2015 - 10/2018
Client - Mastercard
Payment Card Industry Data Security Standard (PCI DSS)

- **PCI DSS** is a set of security standards designed to ensure that all companies that accept, process, store or transmit credit card information maintain a secure environment. A new security module CSP - Cryptographic Security Protocol was created and restructured entire PIN processing system to adhere to the standards.
- Major contributor to migration from current encryption standards by switching to CSP modules.

EDUCATION

B.E. Computer Science and Engineering
Veltech Hightech Engineering College
06/2011 - 01/2015   *Chennai, India*
Final Year Project

- Created Enterprise Management Application as my Final year project using HTML, Java and MongoDB.

SKILLS

- Java ●●●●●
- Spring Boot ●●●●●
- Spring Batch ●●●●●
- REST APIs ●●●●●
- Microservices ●●●●○
- ReactJs ●●●●○
- Relational Databases ●●●●○
- No-SQL Databases ●●●○○

CERTIFICATIONS

AWS Certified Developer Associate
Amazon Web Services
02/2021 - 02/2024
Score
- **973**/1000

ORGANIZATIONS

PayPal (09/2021)
Software Engineer

Fiserv (10/2018 - 09/2021)
Software Developer

Wipro (11/2015 - 10/2018)
Project Engineer

SPOKEN LANGUAGES

English
Full Professional Proficiency

Tamil
Native or Bilingual Proficiency

Hindi
Limited Working Proficiency

INTERESTS

- Active player in LeetCode.com and Codechef.com which conducts monthly coding challenges.
- Learning new technologies/libraries/algorithms/architectures