

# 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 for designing and developing Cloud Native Applications. Interested in a challenging technical career with continuous learning and honing skills as a passion.

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## WORK EXPERIENCE

### PayPal Software Engineer

09/2021 - Present

Payment Card Processing Platform

Self acquiring and processing of card transactions

- PayPal embarked in 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 brainstorming, 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 migrate 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/ NoSQL Databases	●	●	●	●	○
Kafka Messaging	●	●	●	●	○
HTML5 & CSS3	●	●	●	○	○

## CERTIFICATIONS

### AWS Certified Developer Associate Amazon Web Services

02/2021 - 02/2024

Score

- 973/1000

## ORGANIZATIONS

PayPal (09/2021)

Software Engineer 2

Fiserv (10/2018 - 09/2021)

Software Developer, Specialist

Wipro (11/2015 - 10/2018)

Project Engineer

## SPOKEN LANGUAGES

English

Full Professional Proficiency

Tamil

Native or Bilingual Proficiency

## INTERESTS

Active player in LeetCode and Codechef which conducts monthly coding challenges.

Learning new technologies/libraries/algorithms/architectures