

Mccallum Blvd.

# ANANT SHRI PANTHRI

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**Summary:** 3.5 years of diverse experience in the field of Application Development, Design, Testing and Implementation of scalable web interfaces and Enterprise applications using JAVA/J2EE, web technologies, and tools.

## Professional Experience

### Software Engineer Intern

Copart Inc, Dallas, TX

05/2017 – 12/2017

- Developed an in-house video player that stream videos from **swift stack**, thereby reducing render time by 45%
- Engineered and improved a **Classification model** using **convoluted neural networks** that can classify documents, thereby achieving an overall accuracy of 92%, after optimization, while predicting document types
- Designed, developed and deployed **microservices** and its components, **video capability-1.0**, that uses a message broker **RabbitMQ** and **Redis** as cache
- Designed and automated intelligent **reader image scanning (IRIS)** application that accepts a scanned document, uploads it to swift stack and uses **google vision API** for document analysis, thereby saving manual work
- Developed a microservice that combines results from different vin API's prepared a build sheet to synchronize it to **solr**, messaging queue and uploads to swift stack

### Software Developer

Accenture, India (client- Barclays)

01/2014- 07/2016

- Developed functionalities and user interfaces using **Spring MVC, JSP, Servlets, HTML, CSS, AJAX, JavaScript**
- Implemented Spring MVC, **Spring Web Flow**, developed a module using **XHTML** as front end, integrated backend with **hibernate** and published a paper titled 'Spring Framework: Spring Web Flow Navigation'
- Developed spring controllers, services and DAO's for backend interactions and operations
- Implemented J2EE design patterns like DAO, Factory Pattern, and Singleton
- Developed streamlined business processes using an **agile** framework which included daily scrum calls, three-week iterations, user story planning. Analyzed business requirement and provided specification to our team
- Applied code optimization and logging techniques using log4j for monitoring and debugging the application
- Worked with different teams to carry out analysis of the existing system and come up with the most feasible solution to business requirements
- Developed **Proof of concept**, designed, debugged software applications at both front end and back end

## Academic Projects

**Travel Express**, UT Dallas [Java, JavaScript, Servlet, JSP, Apache Tomcat]

08/2016- 12/2016

- Designed a java spring servlets J2EE web application on Oracle 11g, using factory pattern implementation that allows a user to book hotels, mode of transport and prepare itinerary

**React Spotify** [Reactjs, React bootstrap, Redux, CSS]

02/2018-02/2018

- Built a web application based on **React** framework, **React bootstrap**, **Redux**, and **CSS**.
- The application uses Spotify API key allowing a user to search and play music from the browser

## Technical Skills

Programming Languages	: Java, J2EE, Python
Frameworks	: Spring MVC, Spring Web Flow, Hibernate, Spring boot, Tensor Flow
Databases & Servers	: MySQL, Tomcat, GIT, RabbitMQ, SQS, Solr, Redis, Hadoop, Spark, Azure, Linux
Web-based language	: JSP, Servlet, HTML5, CSS, AngularJS, JavaScript, JSON

## Education

**The University of Texas at Dallas**

**Master of Science** in Information Science **GPA-3.93**

**08/2016-05/2018**

**YCCE Nagpur, India**

**Bachelor of Engineering** in Electricals

**07/2009-06/2013**

**CDAC, India**

**PG Diploma** in Advanced Computing

**08/2013-01/2014**

## Certifications and Awards

Copart: Awarded as top performer in Copart Hackathon

UT Dallas: Awarded Deans Excellence scholarship for academic distinction

UT Dallas: SAS-UT Dallas Data Mining and BI

AWS certified solution architect (ongoing)