

Stephen Paul Adithela

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Education

Indiana University Bloomington, Indiana

May 2018

Master of Science in Computer Science

GPA: 3.52

Gandhi Institute of Technology and Management, Visakhapatnam, India

May 2016

Bachelor of technology in Computer Science

G.P.A: 8.8/10.0 (Graduated with distinction and honors)

Work Experience

Web Developer | Indiana Geological Survey, Indiana University, Bloomington

May 2017 to present

(PHP, Laravel, Composer, Ionic + Cordova, Microsoft SQL Servers, Cold Fusion, Github)

- Developing an Inventory Management System for geologists of the state of Indiana..
- Providing a Restful Web Service to help them store and retrieve data easily.
- A Mobile Application for scanning QR Codes and getting Container based data remotely.

Mobile App Developer | University Information Technology Services

January 2017 to May 2017

(React JS, Redux, ES Lint, Babel, Enzyme, Jest, Code Climate, Travis CI, Github)

- Working with UITs of Indiana University to develop React native mobile application with team of 5 developers.
- Modifying legacy software to optimize application for current mobile platforms and redesigning the UI.
- Developing an API for parsing and sending JSON data from server to the mobile application.

Web Developer Summer Intern | HCL Technologies

April 2015 to June 2015

(PHP, JavaScript, HTML, CSS, MySql)

- Led a team to design an online study assessment portal for students.
- The Website is focused on providing free textbook PDF's and reputed study materials to students for free.
- Students can test themselves using mock tests feature and gain points on their profile.
- Followed agile techniques to plan and iterate through the workflow collaborating with a team of 4 people.

Relevant Coursework

Object Oriented Software Development, Object oriented Software Management, Software Engineering, Operating Systems, Algorithm design and analysis, Machine Learning, Database Design, Cloud Computing, Language Processors, Computer Networks, Artificial Intelligence.

Projects

IU Social

January 2017 to present

(PHP, MySQL, JavaScript, Bootstrap, JQuery, AJAX)

- Developing a social networking website for Indiana University students and professors with IU email verifications.
- Website is aimed at providing a social profile for every IU student and professor. Moreover people can connect with other people.
- A dedicated portal for IU students, Page and group creation feature available to every user, Real time integrated chat application.
- Professors can share useful posts and links, which can be viewable by their connections and other students of their course pages.

MEDION Android Application

August 2016 to present

(Spring Boot, Android SDK, Java, SQLite, Google, Firebase API, Postgres, Rest)

- Native Android Application, which suggests restaurants for the user groups to meet, which are equal distance from each user.
- An algorithm calculates effective distance of each user in the meeting group to a good rated restaurant in the vicinity.
- Users can form groups and make people in the group notified when the admin decides the final place.
- The place is picked using some constraints by our server and user is allowed to request another place if not satisfied.

Game Maker

August 2016 to November 2016

(Java, Mockito, Bamboo, JIRA, Maven, Thymeleaf, Spring MVC, Hibernate, and WebStart etc.)

- Native Java Application which uses prebuild Java library to generate dynamic ATARI games
- Users can create a game by dragging sprites from the dock into the arena. He can save the progress of creating game at any time.
- Users can constraint the gaming process by adding scores, speed of the sprites and setting terminating conditions.

Technical Skills

Languages

Java, JavaScript, PHP, JSP, Servlets, PL/SQL, C, HTML, CSS, XML, Unix Shell Scripting, C, C++

Databases & Servers

Postgres, MySQL, Glass Fish, Oracle 10g, Apache Tomcat, Heroku, AWS, Mongo DB, Solr, Lucene, Redis

Frameworks & API

Spring MVC, Spring Boot, Drupal, React JS, Node JS, JQuery, Angular JS, Thymeleaf, JPA, Redis, JUnit, Symphony, Zend, Laravel, Mockito, Bootstrap, Mocha, Jest, Enzyme, Django Redux, Google API, Rest API,

Tools

GitHub, JIRA, Slack, CodeClimate, Travis CI, SonarQube, Eclipse, Android Studio, STS, Adobe Suite, WCMS