Alonso Ninalaya

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Summary

Enthusiastic software engineer participating in the complete product development lifecycle of successfully launched applications. Experienced in building every part of an application including front-end, database, back-end. Launched it for exclusive use

Skills

- Languages / Tech: Java, SQL, NoSQL, JSP, HTTP, HTML5, CSS3, Bootstrap, JavaScript, jQuery, JSON, Node.js, AJAX, Angular, Angular, MySQL, JDBC, JavaScript, Java, PHP, C++, Python, Java Servlet, JSP files
- Project Management Software / Operating Systems: Trello, Clubhouse, JIRA, Linux
- Cloud Application Platforms / container-based / server: Heroku, Docker hub, Apache Tomcat

Professional Experience

1. **LSQ, Orlando Florida**

   Software Engineer Intern   *January/2020 – May/2020*

- Completed a full stack application using technologies from AWS such as DynamoDB, Lambda, S3 bucket and Restful API Gateway, working closely with agile development team to develop, test and maintain
- Responsible for the design of the front end of the application using Angular
- Assisted in maintenance of software for engineering applications and creation of bug fix reports
- Managed projects by creating new tickets for our software team using Clubhouse
- Ensure code reviews were constantly managed using GitHub as our main version control system
- Developed my lambda functions using Java to manage data coming/forward our database

2. **Kapsch Traffic Communication**, **Austin Texas**   *August/2019 - December/2019*

   Software Engineer Intern

- Completed an application for our database team using Electron and Angular. Used docker for deployment of the desktop application
- Increased the productivity of the database team when creating tables for our applications instead of running queries on MySQL
- Ensure code reviews were constantly managed using GitLab as our main version control system
- Designed and in charge of the entire UI/UX of the application where my stakeholders were the database team

Projects

- E-Shopping website - https://github.com/alonsonina95/JDBC
  o Collaborated with a group of people building a web application that allows any user to make purchases from our platform. Technologies used were Java with MYSQL using JDBC for connection and JSP pages along with Apache Tomcat to run the servlet
  o In charged of checking the data being sent to our database was reached properly and vice versa Running queries using MYSQL to display the tables
  o Designed schemas and the database management system (DBMS) to manipulate data precisely
- Robot Arm painter - https://alonsonina95.github.io/robot-arm/
  o Collaborated with a group of students building a robot which only purpose was to paint a picture from signals given from our microcontrollers using computer vision to analyze data

- o Developed a color recognition, shape recognition algorithm with a camera and Raspberry 4 using Python 3 and OpenCV
- o Documented every single milestone achieved and posted online. Completed a 120 pages documentation available for anyone
- Covid-19 tracker - https://alonsonina95.github.io/Covid-tracker/
  - o Developed a new application using React and fetching the data from public API's, which allowed me to use different front-end libraries
  - o Application used to keep track of different metrics of people around the world during this pandemic. These metrics are people being infected, recovered, and death. It also shows the numbers of every country around the globe
- E-shopping website (PHP – Vanilla JavaScript - MySQL) https://github.com/alonsonina95/phpApp
  - o Collaborated with a group of people building a web application that allows any user to select products from a dashboard. Features such as adding and removing products from the checkout was also a must
  - o Developed the relational database management system using schemas to be used in our tables on MySQL. Performed CRUD functionality on our end

Education

University of Central Florida, Orlando Florida
Bachelor of Science on Computer Engineering   August 2020

Per Scholas
Full stack Java Developer, expected graduation: September 2020