

KIRAN TEJA SARVAMTHOTA

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SUMMARY

I'm a professional full stack web developer with more than 3 years of Java experience. Currently working as Graduate Research Assistant & Developer at ODU building real-time campus social media website. I'm looking for Internship Opportunities.

TECHNICAL SKILLS

Languages	Java, JavaScript, Android, Python, C, C++, MATLAB, Node.js
Frameworks/Libraries	Bootstrap, jQuery, Gradle, Android, NumPy, Matplotlib
Backend/Databases	REST, SOAP, Oracle, MySQL, PL/SQL
Tools	Visual Studio, Pycharm, IntelliJ, SVN, Git, Matlab, Putty
Others	Linux, Docker, Windows, Arduino

EDUCATION

Master of Science in Computer Science

Old Dominion University, Norfolk, Virginia, GPA: **3.8/4.0**

Courses -Data Science, Data Mining, Machine Learning, App development for smart devices, Computer Architecture, Web Programming, Computer Organization, Computer Networks, Operating Systems.

PROFESSIONAL EXPERIENCE

Cognizant Technology Solutions, Hyderabad, India

October 2014 - December 2017

Project: Oracle Retail Point of Sale,

Role: Programmer Analyst

Scope: In this project, customized the Oracle base product based on the client requirements. This includes integration with the payment gateway and all the other third party systems such as: EPIMS, EPR etc. Used Struts, EJB and core java.

Project: Centralized Status Reporting

Role: Programmer Analyst

Scope: The objective of this project is to build a Centralized Status Reporting to track the daily status of all the Projects in the Kaiser Permanente Account. Developed all the scripts using Function Driven Development.

RESEARCH

Graduate Research Assistant, Old Dominion University, Virginia

January 2018 - Present

- Working as the full stack developer and helped in creating user interface using PHP, jQuery, Bootstrap, HTML5, CSS3.
- Worked on Arduino programming to deploy the tele logger code to Freematics one Plus device for Project License Plate tracking.
- Developing a campus social media website using a LAMP stack, jQuery, PHP, and MySQL, along with other more modern technologies.

Projects

Keep Reading: There are many apps in the market which manages the library books by searching a book name or searching by ISBN number or scan Barcode but only few apps has broader search functionality. For searching the books by book name, by author name and by publications are important attributes. So have come up with an idea and built an Android application that manage a library with the best search options and adding books to the cart and wish list.

Project Demo: [KeepReadingDemo](#)

Mercari Price Suggestion Challenge: In this Project work, developed a solution for Kaggle problem. Started with data cleaning and performed Exploratory Data Analysis. Analyzed the data using EDA techniques to understand the factors effecting the Sale Price of the product. Based on the analysis, developed an accurate model that would benefit the seller to place a competitive selling price for a given product. [GITHUB](#)

Profiling for Authentication and Authorization in Data Mining: Developed a creative profiling for a large set of historical data using different user patterns and filtering techniques in Python. K-Means Clustering is used to determine different groups of users through Weka V-3.8.2 and provide insights on the data. Used Association rule to determine relationships in the unrelated data. [GITHUB](#)

Inference of Gene Regulatory Network Based on Local Bayesian Networks: In this Project, local Bayesian network is used to infer Gene Regulatory Networks from gene expression data by using the network decomposition strategy and false-positive edge elimination scheme. The network decomposition effectively reduces the high computational cost of BN method for inferring large-scale GRNs.

EXTRA CURRICULAR

Received 'Pride of CTS' award for my outstanding performance in Quarter 1, 2017 • One of the Core-Organizers of an annual National Level Technical Festival by Padmasri Dr. B. V. Raju Institute of Technology • Contributing member of Cognizant Outreach, a corporate Volunteering program to serve the needy • Elected and Working as the Vice-President for the Indian Students Association at Old Dominion University.