

Prabhakara Reddy Gaddam

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Education

University at Buffalo, State University of New York

Buffalo, NY

Master of Science, Computer Science, GPA: 3.75/4.0

Jan 2020 - May 2021 (Exp)

Relevant Coursework: Intro Machine Learning, Information Retrieval, Data-Intensive Computing, Object Oriented Design, Algorithms Analysis and Design, Modern Network Concepts

VNR Vignana Jyothi Institute of Engineering & Technology

Hyderabad, India

Bachelor of Technology, Computer Science, GPA: 8.54/10.0

Sep 2013 - May 2017

Skills

Languages: C, C++, Java, Python, SQL, HQL, JavaScript, Node.js, HTML5, CSS3, Servlets, JSP, PySpark (Mlib)

Frameworks/Libraries: J2EE, Spring, Spring Boot, Hibernate, Junit, Web Services, ExpressJS, PassportJS, TensorFlow, Pandas, Keras, Apache Spark

Databases: MongoDB, MySQL, H2

Tools & Technologies: Git, Maven, NPM, REST, JSON, Swagger, VSCode, IntelliJ, Eclipse, Heroku

e-Commerce: SAP Commerce 6.x, Elastic Path 7.x, Magento 2.x

Software methodologies: Agile, Scrum, SDLC

Experience

TA Digital

Hyderabad, India

Associate Software Engineer

Nov 2017 - Dec 2019

- Worked as an e-Commerce Developer to build scalable and reliable applications utilizing SAP-Hybris and Spring MVC frameworks.
- Followed Agile & Devised pluggable Gift Card functionality for B2C accelerator & acquired more customers to client's business by 20%.
- Accomplished specific checkout, order management based on products in cart.
- Customized OOTB email business process, stock notification in B2B accelerator via SMS by configuring SMPP properties.
- Led project management efforts & resolved technical issues, coordinated team discussions by delivering optimal solutions to development challenges in various environments.

Tata Consultancy Services

Hyderabad, India

Software Developer Intern

Dec 2016 - Apr 2017

- Executed LTE to Wi-Fi Handover, helped in reducing load on the LTE network in a seamless fashion, so subscriber is not required to intervene.

Projects

Multi-Label Movie Genre Prediction - [GitHub](#)

Python, Spark(Mlib), Pandas (Apr 2020 - May 2020)

- Partnered with team of 3 to performed data cleaning on CMU's movie corpus dataset & Implemented Logistic Regression model leveraging PySpark's ML module to predict genre associated with a movie from corresponding movie plot.
- Evaluated and compared macro F1 score of models adopting feature engineering methodologies Word2Vec, TF-IDF, and term-document matrix.

Image Classification on AI Quick Draw - [GitHub](#)

Python, TensorFlow, Keras, Matplotlib (Mar 2020 - Apr 2020)

- Trained multi-layered neural network on AI quickdraw dataset with 10 image categories each category includes 12,500 images with a resolution of 28x28.
- Evaluated and compared performance of model in terms of accuracy & time by changing number of hidden layers, image resolution.

Neural Network Based Sentiment Classification - [GitHub](#)

Python, TensorFlow, Matplotlib (Mar 2020 - Apr 2020)

- Supervised team members & developed a multi-layer perceptron to classify movie reviews as positive or negative, based on text of review.
- Created word count vectorization based on count of words presented in positive and negative reviews and ignored a few neutral words to increase performance of model.

Storybooks - [GitHub](#)

Node.js, Express.js, MongoDB, Google OAuth 2.0 (May 2020 - Jun 2020)

- Devised a web-based application employing Google OAuth2.0, users to create and share private, public stories and have access to edit, delete stories, and deployed it on Heroku cloud platform.

Stock Trade Management - [GitHub](#)

Java, Spring Boot, H2DB (Jun 2020 - July 2020)

- Coordinated implementation of business process, designed architecture, and developed a RESTful web service to hand over operations such as delete, add or record trades and retrieve trades in ascending order by user, stock symbol, and user along with stock symbol.

Expense Tracker

Java, Spring Boot, MySQL, Azure OAuth 2.0, Spring Security (May 2019 - Nov 2019)

- Constructed a role-based expense management system & administered security to application by enforcing Azure OAuth 2.0.
- Collaborated with User Interface teams to build front-end application with VueJS.
- Configured AWS S3 bucket to store expense related bills and set up Minio Client to interact with cloud storage server.

Certifications

- Oracle Certified Associate, Java SE 8 Programmer.
- Certified as Adobe Magento 2.x Associate Developer.
- Elastic Path Certified Development Professional Level -1 for 7.x.