

Nagendra Varma Sangaraju

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Profile Summary:

- Three year of experience in analysis design, development and implementation of internet web applications, database and client- server architecture using python/ Django, javascript, java technologies spanning the entire software development life cycle.
- Strong background in a disciplined software development life cycle (SDLC) process and has excellent analytical, programming and problem-solving skills.
- Experience working within an agile/ scrum workflow and Git.
- Hands-on experience in writing, optimizing & debugging stored procedures, functions, views, triggers and troubleshooting database issues.

Employment Details:

Dec'2016 – Aug'2019 with Wipro as Python/ Django and Java Developer

Involved in developing entire frontend and backend modules using Python on Django Web Framework.

Client: State Street Corporation (Sep'2017 – Aug'2019)

Project -1

Role: Python/Django Developer

Key Result Areas:

- Worked with tables from Oracle/MySQL/ PostgreSQL database with Python.
- Performed cleansing operation on data generated from web logs with automated scripts in Python.
- Used Python to build a General-Purpose Test Framework.
- Used Subversion control tool to coordinate team-development.
- Parsed XML documents using Python scripts and load into the database.
- Created Django forms for database models.
- Daily PostgreSQL database maintenance.
- Worked on back-end and front-end feature.
- Considerably used JavaScript for client side validation.
- Designed, created and updated MYSQL databases.
- Worked with the team of architects and back-end Developers to gather requirements and enhance the functionality and add new features.

Client: Walmart Inc. (Dec'2016 – Aug'2017)

Project – 2

Role: Java Developer

Responsibilities:

- Utilized Java, Eclipse/ J2EE, tested programming code & Applications, collaborated with team and management.
- Responsible for investigating the issues, defects, determining problem root cause, formulating corrective action recommendations & implementing them. Created web services using SOAP and producing WSDL to the Client side.
- Created detailed design documents using UML (Use case, Class, Sequence, and Component diagrams).
- Involved in the full life cycle of software design process of other projects, including prototyping, proof of concepts, design, interface implementation, testing and maintenance.

Projects:

Mini Search Engine:

- The application is based on the concept of data mining and word search program.
- The required data is stored in a local database which is then crawled to get the document corpus.
- Inverted index data structure is implemented to store the keywords mapping them to the documents they are found in.
- Page ranking algorithm is used to rank the documents for displaying the search results in the order of the highest probability.

Concepts used: Page ranking Algorithm, HTML, XML, Inverted Index Data Structure.

Sentiment Analysis (Opinion Mining):

- Sentiment Analysis is a functional classifier for an accurate and automatic sentiment classification of an unknown view stream.
- The system computationally identifies and categorizes opinions expressed in a piece of text.
- It determines whether the writer's attitude towards the topic is positive, negative or neutral.
- This project mainly uses classification techniques and algorithms such as Naive bayes's, Random Forest classifier (Rf), SVM, Decision tree learning and Max Entropy (MAXENT), Text classifier.

Technologies used: Twitter API, R language.

Technical skills:

- **Databases** : MySQL, MongoDB, PostgreSQL
- **Programming Languages** : Python, Django, R, HTML5, CSS, JS, SAP ABAP, SQL, Java
- **Platforms** : Windows XP/Vista/7/8/10
- **Technologies** : Hadoop, Web services (REST)
- **Tools & IDEs** : PyCharm, Weka, Eclipse, MS Office, NetBeans, Adobe, Photoshop, CS6, SAP GUI, IBM Watson Explorer.

Education:

Year	Degree	Institute	Percentage
2019- Pursuing	Master of Systems Science	University of Ottawa	Pursuing
2012- 2016	B. Tech (IT)	Sree Vidyanikethan Engineering College	84.8%
2010- 2012	Intermediate (10+2)	Sree Chaitanya Junior College	96%

Certifications:

- AWS Certified Solutions Architect

Co-Curricular Activities:

- Organized various coding and LAN Gaming events in the College (Information Technology Department).
- Attended for training on “Mobile application development” conducted by APSSDC (Andhra Pradesh State Skill Development Corporation).
- Attended a workshop on “UI/UX” at Vellore Institute of Technology (VIT) in the academic year 2014-2015.
- Attended online courses on Machine Learning in Udemy and cleared the exam.

Personal Details:

Father Name: S. Gopal Raju

Date of Birth: 20- 06- 1995

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