

Gnanendra Naveen Kumar D V
dvgnaveenkumarreddy@gmail.com | +353-894454242
LinkedIn: <https://www.linkedin.com/in/dvgnaveen/>
GitHub: <https://github.com/dvg>

Summary

Dynamic Software Developer with post-graduation in Data Analytics. Proficient in Application Development and Database Management. Two years of experience in designing and developing RESTful web services. Hardworking and Passionate about learning emerging technologies. Excellent understanding of business operations and analytics tools for effective analysis of data.

Work Experience

Software Developer | NIKULSAN Technologies

Bangalore, India | May 2017- August 2018

Roles and Responsibilities:

- Analyzed and understood requirements from a business perspective.
- Developed back-end API for Google AdWords using Java Spring Boot and Maven as the build tool.
- Took part of meetings to elaborate road maps for applications that include up-gradation and maintenance.
- Experienced in integration services OAUTH, OAUTH2 used for authorization flows for web applications.
- Hands-on experience in working with Apache Tomcat Server environments to host and execute the chunks of Java codes to build applications.
- Developed and maintained automated CI/CD pipelines for code deployment using Jenkins on to AWS EC2 to reduce human error and speed up the production process.
- Experienced in Functional Testing and Performance testing using tools like Postman and JMeter.
- Fetch data from Google AdWords API using AWQL (AdWords Query Language) to Implement machine learning solutions.
- Developed and Maintained Git workflows for version control (Source Code Management).

Junior Full Stack Developer | Redloop Technologies

Bangalore, India | July 2016- April 2017

Roles and Responsibilities:

- Followed AGILE methodology for the software development process, part of the cross-functional team for the application development.
- Designed Node Js application components through Express Js and MongoDB to provide RESTful API.
- Maintained websites and applications, including content updates, account administration, debugging, feature enhancements, and documentation.
- Research new web technologies, including software and hardware developments and recommend purchases and changes in design, security software, and hardware.
- Successfully coordinated and developed the deployment process for all existing projects.

Key Skills

Programming Languages	Java 1.8, JavaScript, Python, R
Frameworks	Spring, Jersey, NodeJS, ExpressJS, ReactJS, Keras, TensorFlow
Cloud Technologies	AWS
Web Technologies	Basics of HTML, CSS
Development Tools	Eclipse, STS, Jupyter, VS code, RStudio
Version Control	Git
Testing Tools	Postman, JMeter
Database	MongoDB, SQL
ORM	Mongoose, JDBC, Hibernate
Application/Web Server	Apache Tomcat 9.0
Methodology	Agile Scrum
Build Management Tools	Maven, Apache Ant
CI/CD	Jenkins
Reporting Tools	Tableau, Power BI

Academic Experience

Dublin Business School, Ireland
Master's in Data Analytics

Relevant Modules-

Programming for Data Analysis, Processing, and visualization | Data Warehousing | Statistics | Data Mining | Machine Learning

Research Project -

Facial Emotion Detection using CNN (Convolutional Neural Network)

- The facial emotion recognition model was built using CNN that would identify one of the seven facial emotions (Happy, Sad, Fear, Surprise, Neutral, Angry, Disgust) used in the image file.
- For training and building model, Keras framework was used which is an open-source neural network library written in python runs on top of TensorFlow as its backend build by google for numerical computation of neural networks.

Academic Projects-

Data Warehousing-

Objective: Analysis of customer reviews for Restaurants.

- Developed Data warehouse and dimensional data marts using star schema approach.
- Implemented tables and Extracted, Transformed and Loaded data from the source excel files using Microsoft SQL server using tool SSDT.
- Generated reports using SSRS tools of Microsoft visual studio for ratings, cuisine, mode of payments.
- Visualized the geo places on cuisine, ratings, and budget of the restaurants based on the user profile and ratings given by the users in R.

Data Visualization-

Objective: To Develop Interactive Visualization.

- Exploratory Analysis of the role of GDP of different countries using Tableau.
- Analyzed different sectors contribution to the growth of the country's GDP
- Generated reports using SSRS tools of Microsoft visual studio for ratings, cuisine, mode of payments.
- Visualized the geo places on the cuisine, ratings, and budget of the restaurants based on the user profile and ratings given by the users.
- Designed and developed an interactive dashboard for Global terrorism using Python Altair.
- Visualized attacks to know in which country/city the military force needs to be more attentive.

Certifications

- Trained in Java Development at Jspiders which had courses like Java, SQL, J2EE, Spring, Web Technologies.
- Participated in the Texas Instruments India Analog Maker competition.
- Participated in a 2-day student workshop on System Design Challenges using LabVIEW.