Nandini Sinha

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# Objective

Entry level software engineer with more than one year of professional experience in software design, development, and testing. Seeking to utilize broad educational background with excellent analytical, technical, and programming skills to work for a challenging position.

# Education

## B. Tech | NIIT University | 2016-20

* Major: Computer Science Engineering
* CGPA: 7.49/10

# Experience

## Junior Software Engineer | SCALETECH SOLUTIONS | JUL 2020 - Present

* Develop back-end elements for micro-web services in Nodejs.
* Work closely with Project Manager and Team Leads on ERP and Game portal management system projects.
* Research for new applications and make strategic plans for user satisfaction.
* Write unit test cases for meta features using Jest.

## Software Engineer Intern | SCALETECH SOLUTIONS | Jan 2020 – Jun 2020

* Developed a Slack App to improve cognitive ability of the employees of the company.
* Worked solo under the guidance of the company’s backend developers and Director to design, develop, and deploy a chatbot application on Slack platform for the company.
* Obtained a solid understanding of application development by creating, testing, and deploying the application.

# Skills & Abilities

* MS Office, Python, R language, Java, HTML5, CSS3, jQuery, JavaScript, Objective C, Django, Flask, Node.js, Nest.js, Jest testing tool, AWS concepts.
* Mongo DB, Couchbase, Neo4j, Cassandra, Redis, MySQL, PostgreSQL, Big Data, Jenkins, Git
* Languages: English, Hindi, Gujarati, Bengali, Japanese (Beginner), Portuguese (Beginner).
* Teamwork, flexibility, problem solving, creativity, attention to detail.

# Certifications

## Python with Data Science - NIIT Limited (Jun 2019)

* Graded with excellent remarks in core and advanced python course with experience in a hands-on web scraping project.

## Advanced Java Training - MAXGEN Technologies Pvt. Ltd (Jul 2018)

* Core and advanced java training for 2 months with a hands-on project on tours and travels management system.

# Experience

## APTITUDE TEST BOT | Backend Developer (Jan. 2020 – Jun 2020)

* Description: An aptitude test taking Interactive Custom Integrated Application on Slack platform, which is a Chat Messenger used for Business Communication. Used: Nodejs, Slack Web API, PostgreSQL
* Worked across the development lifecycle to build and maintain code.
* Developed interactive components for the daily quiz.
* Created a feedback element for better user satisfaction.

## PERSONALITY PREDICTION TEST | Data Mining (Jan 2019 - May 2019)

* Description: A college project of a 5 members team for data mining course using classification to test the customers’ choices for a given set of questions and assess their personality traits that they are most likely to possess. Used: Python, Weka
* Researched on big 5 traits of personality.
* Developed the python code and collected data for personality prediction.

## POSITIVE SENTIMENT ANALYSIS ON TWEETS | Big Data (Jan 2019 - May 2019)

* Description: A Capstone project to analyze the positive reviews using big data tools like MapReduce, Apache Pig and Apache Hive. Used: Java, Apache Pig, Apache Hive, Git, Jenkins, Docker
* Steered the team by managing and assigning the deliverables to the team.
* Collected twitter dataset and tested the big data applications for the analysis.
* Developed a web service for presenting the project outputs in graphical format.

## SUPPLY CHAIN MANAGEMENT | Economics (Jan 2019 - May 2019)

* Description: a real time college project for a start-up named ‘Shiksha Desk’ and helped the marketing team to boost the sales. Used: Leadership Skill, Communication and Negotiating Skills, Engineering Economics, WordPress SEO tool
* Lead the team of supply chain management and coordinated with the technical team for SEO assistance.
* Negotiated deals with packaging services as per the budget of the start-up.
* Worked on demand, packaging, and delivery tasks as per the requested deliverables.

## TOURISM WEBSITE | Advanced Java Trainee (Jun 2018 - Jul 2018)

* Description: certification project from Maxgen Technologies. Used: Java Web Services, JDBC, JSP, Servlet, Html 5, CSS 3, Bootstrap, MySQL
* Developed a client-side dynamic tourism website.
* Researched on tours and travel websites.
* Designed the modules for the web service. Implemented different components of the java course.

## LDA IDENTIFICATION AND DETECTION ON MARS USING DEEP

## LEARNING | R&D project (Jan 2019 – May 2019)

* Description: Trained Deep Learning and Machine Learning algorithms to detect and identify LDA polygons on Mars and that of rock glaciers on Earth for research and development project course. Used: ArcGIS Application, Python, TensorFlow, Google Collab, Annotation tools.