



# RAHUL S

An enthusiastic and high energy driven professional targeting for assignments in **Data Analytics and Python Development** with an organization of high reputation offering challenging work profile in IT industry.



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## Personal Details Profile Summary

**Date of Birth:** 02/April/1999

**Languages Known:** English,  
Tamil

**Address:** Bangalore

- A Goal-Oriented professional **2 years of experience**; currently working as **Software & Design Engineer**
- Enhanced data collection procedures to include information that was relevant for building analytics systems
- Gained knowledge in communicating data findings to key stakeholders to help the organization meet business challenges
- Performed analytical interpretation of highly specialized technical and analytical information used to compose detailed documentation and reports
- Worked on end-to-end technical design, production support, deployment and maintenance of software applications; interfaced with clients for gathering business needs, analyzed & reviewed business, functional and high-level technical requirements and finalized technical/ functional specifications
- Coordinated in defining software development project plans, including scoping, scheduling, and implementation
- Designed detailed technical components utilizing high-level architecture, design patterns and reusable code, considering real time constraints, functional & non-functional requirements
- Provided post-implementation, application maintenance and enhancement support to the client with regard to the software application; ensured all solutions are scalable, extensible & available from architecture standpoint.

## Core Competencies

### Data Analytics

### Statistical Analysis

### Data Mining

### Coding / Development

### Business Intelligence

### Predictive Modelling

### Process Reengineering

### Unit Testing

## Extracurricular Activities

- Secured First Place in Hackathon Competition conducted by PSG College of Technology, Coimbatore
- Got elected as Class Representative for Computer Science Department in the college
- Worked as Executive Member and Designer for Computer Science and Engineering Association (CSEA) in the college
- Organized and convened various inter-college and intra-college events conducted on behalf of Computer Science Department

## Organizational Experience

**June 2021 – Present, Schneider Electric, Bangalore, India as Software & Design Engineer**

**August 2020 – June 2021, Schneider Electric, Bangalore, as Graduate Engineer Trainee**

### Key Result Areas:

- Assisting Data Analytics team, Pandas package for ETL processing, visualization, and processing the Business Intelligence data of Schneider Electric's product website
- Reduced the processing time of an application from 10 minutes to 4 minutes by introducing a custom processor using Apache Nifi for acquiring data from Google Analytics API
- Designed insightful dashboards for the internal teams and created detailed reports for the business owners, using Tableau, to facilitate their decision-making
- Leading the development and design for multiple modules; creating application and adding functionality to existing applications
- Executing new features for existing application and assisting in building new applications based on customer specification, with involvement in the entire software development life cycle process
- Managing Software Development Lifecycle involving mapping of business requirements, application design, development, integration, testing and troubleshooting for Information Systems Management
- Interfacing with clients, suggesting viable software solutions, cultivating relations with them for securing repeat business and ensuring quality delivery of products to the clients

## Internship

**Research & Development Intern, Schneider Electric, Bangalore, India in January 2020 – May 2020**

### Key Result Areas:

- Displayed the use of ELK Stack for processing Business Intelligence data from log files and querying the logs in Amazon Elastic search
- Implemented and added new features like prediction of ideal place for the device on switchboard, by Deep Learning Image Generation API for the 3D team
- Leading the development and design for multiple modules; creating application and adding functionality to existing applications
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## IT Skills

- Programming Languages: Python (Proficient), Java (Prior Experience), C++ (Basic)
- Operating Systems: Windows, Linux
- Databases: MySQL, MongoDB
- Frameworks and Tools: Apache Nifi, Apache Spark (Beginner)
- Others: Amazon S3, Node.js, Git, Maven, Confluence, Jira, WordPress, Adobe Illustrator
- MS Office

## Academic Details

- B.E. (Computer Science & Engineering) from PSG College of Technology, India in 2020

## Academic Projects

- Developed a reliable object detection model (11% more efficient than the reference model) using Deep Learning on thermal images captured by forward looking infrared cameras
- Improved the existing system of doing research before buying the products online by automating the process using Natural Language Processing
- Trained a Convolutional Neural Network (CNN) model to map raw pixels from a single front-facing camera directly to steering commands of car. It can also operate in areas with unclear visual guidance such as roads without lane marking, parking lots and on unpaved roads

## Certifications

- Completed courses and got certifications from Google, Udemy, Coursera
- Completed courses from University of California San Diego in Advanced Google Analytics, Microsoft AI Classroom Series, Data Structures

## Skill Set

