

Rishav Kumar Kedia

Electronics and Communication and Engineering

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OBJECTIVE

I would like to secure a position in a reputable organization to expand my learnings, knowledge, and skills while making a significant contribution to the success of the company.

WORK EXPERIENCE

Intern: DevOps Engineer

Sigmoid, Bangalore (January' 2021 – Present)

About Company – It work with business and technology leadership to align the data strategy with short and long term business goals, committing to the digital transformation journey.

Projects (Language: Python)

- Given the information about different clients in a csv file, convert that into json file.
- Write an automated script which will record the HTTP response for all the clients mentioned in the different json files.
- Script should also handle auto generation of security key for curls which expires every 20 hours

Purpose:

- Worked on project which track if any of client services should not be down because they are being update with continuous data.
- I specifically automated process of health check for API request to make sure all services are healthy and working correctly.
- Used python to ping services through curl request to make sure all service return Success code of 200.
- Generate an alert for any failure error response with API call.

ACADEMIC DETAILS

2013 - Secondary School Examination, C.B.S.E

- Vidya Vihar Residential School, Purnea, Bihar, CGPA- 10/10

2015- Higher Secondary School Certificate Examination, C.B.S.E

- S.R. Public Sen. Sec.School, Kota, Rajasthan, 85.6%

2020- Bachelor of Technology

- PES University, Bengaluru, CGPA- 7.65/10

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

- PYTHON
- C Programming
- MySQL
- MongoDB

SOFTWARE TOOLS

- SSMS (SQL Server Management Studio).
- Visual Studio Code
- Comfortable working with Ubuntu

COURSES UNDERTAKEN

- CS MINORS (Data Structures)
- Introduction to Cryptography
- Engineering Management
- Parallel and Distributed Computing
- Control Systems.

CERTIFICATION

- Algorithms-I & II (Coursera)
- MySQL (Udemy)
- MongoDB (Udemy)

PROJECTS

- Implementation of Multi-carrier modulation technique to increase image quality for underwater sonar image transmission. [Jan-May,2020]
Requirements: Compare on different parameters like PSNR, PAPR, BER values and show the technique suits while capturing the image under water and on land (air).
Work done: Implemented Coded OFDM and UN-CODED OFDM using MATLAB. Results shows that UN-CODED outperforms Coded OFDM. Coded OFDM is implemented for 4-QAM, 16-QAM, 64-QAM and 256-QAM. For water, 4-QAM performs better in low SNR values for Coded OFDM.
- Computer Networks: Secure file transfer using socket, programming in python.
Requirements: Project to demonstrate the understanding of secure file transfer.
Work done: Here we made one system as source and other as client, showed the secured transmission of data from source to client. Software used to code was Python

ACHIEVEMENTS AND EXTRACURRICULAR ACTIVITIES

- Has been awarded as a best performer by an e-commerce company.
- Had been awarded CNR Scholarship and Distinction award (merit scholarship by college).
- Winner of volleyball in inter house competition in school.
- Part of National Cadet Corps (NCC) in school.
- Participation in Social Activities like visiting orphanage for sweet distribution, celebrating festival.
- Volunteered with Samarpana'17 for martyrs' family.(social work for army martyr family)
- Been a member of volunteering team for Aatamatrisha'17. (Cultural College fest)

KEY STRENGTH

- Leading Qualities,
- Problem Solving,
- Team Player,
- Self-Motivated,
- Optimistic