

SHUSHANG NAIR

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EDUCATION

RUTGERS University

Masters of Science in Computer Science (GPA: 3.5/4)

New Brunswick, New Jersey
May 2024

Relevant Courses : Introduction to Artificial Intelligence, Machine Learning, Computer Vision,

MANIPAL University Jaipur

B-Tech in Computers and Communication Engineering (GPA: 8.36/10)

Jaipur, Rajasthan
Jul 2021

Relevant Courses : Programming in C, Java, Data Structures and Algorithm, Cryptography and Security, Relational Database Management Systems, UNIX Shell Programming, Computer Networks.

SKILLS

Programming: Python (Advanced), C (Intermediate), C++ (Intermediate), Data Structures, Algorithm.

Web Development: HTML, CSS, JavaScript, React JS.

Database and Industry Tools: MySQL, Visual Studio, OpenCV, Puppeteer, Chakra UI, AWS Windows Server, AWS Textract, PyTorch.

WORK EXPERIENCE

Quolam Business Solutions

Software Developer

Navi Mumbai
Oct 2021 - Jul 2022

- Developed seven automation BOTs using python for raising prior authorisation claims for patients in 3 major insurance websites that filled data present in google sheets in the website of the insurance provider
- Raised claim using these BOTs and stored the authorisation number and status back in the google sheets thus automating the whole process from start to end so as to make the process 50% faster.
- Integrated complex tasks in the automation BOTs such as generating report of the patient in pdf format and uploading the file in the insurance website thereby completely eliminating the need of manual work and reducing form filling error by 9%.
- Generated cron jobs in AWS windows server for the python script to run every hour of the day which assisted in raising prior authorisation claims of around 1500 patients in a day for 1 insurance provider.
- Maintained a log of the Python script in the server so that any anomaly can be debugged and solved.
- Produced an automatic rejection email BOT for the company that automatically sends emails at the end of the day to the rejected candidates thereby reducing workload on the HR which helped the HR to look into 10% more candidates daily.
- Redeveloped a website using react JS according to the updated requirement of the client in an high pressure environment due to the website being live and gained trust of the client.

Quolam Business Solutions

Frontend Developer Intern

Navi Mumbai
Feb 2021 - Aug 2021

- Designed and developed a project portfolio management site to keep a track of the projects running in the company which helped the company to keep a track of the issues that are present in the projects and solve critical issues before time which in turn increased the success rate of projects and generated more revenue.
- Integrated backend and tested the software on the whole so as to ensure there were no bugs.

PROJECTS

Checkbox Detector | Python, AWS Textract, JSON

- Automated the process of OMR sheet checking by building a python script using AWS Textract which scans a pdf file and return an array of checked elements hereby making the process 80% faster, less error-prone and reducing the workload on teachers.

Real Estate Website Scrapper | Python, Beautiful soup

- Constructed a Python script that scraps data of a real estate website and stores the details such as prices, area in a file which helps to compare houses efficiently and reach a decision much faster.

LEADERSHIP SKILLS

Rutgers University

Teaching assistant in Principles of Information and data management

Jan 2023 - Present

- Took recitation lectures of 50+ students to review the concepts that had been taught by the professor.
- Facilitated office hours to clear doubts of the students and graded assignments that had been given by the professor