

Shushang Nair

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EDUCATION

RUTGERS University

Masters of Science in Computer Science (CGPA: 3.5/10)

New Brunswick, New Jersey

August 2022 - Present

MANIPAL University Jaipur

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

Jaipur, Rajasthan

July 2017 - July 2021

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.

Languages Spoken: Proficient in English, Hindi, Malayalam, Marathi.

WORK EXPERIENCE

Quolam Business Solutions

Software Developer

Navi Mumbai

Oct 2021 - July 2022

- Developed seven automation BOTs using python for raising prior authorisation claims for patients in 3 major insurance websites. The BOTs filled the data in the website of the insurance provider, raised claim and stored the authorisation number and status in google sheets so as to make the process 50% faster and error-free.
- Integrated complex tasks such as generating report of the patient in pdf format and uploading the file in the insurance website in the automation BOTs thereby completely eliminating the need of manual work.
- Generated cron jobs in AWS windows server for the python script to run every hour of the day. Also maintained a log of the script in the server so that any anomaly can be debugged and solved.
- Produced an automatic rejection emailer for the company that automatically sends emails at the end of the day to the candidates that have been rejected thereby reducing workload on the HR.
- Successfully 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. This helped the company to keep a track of the issues that are present in the project and solve them 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 is no bugs.

PROJECTS

Checkbox Detector | Python, AWS Textract, JSON

- Successfully built a python script using AWS Textract that when inputted with a pdf file will return an array of elements that has been checked. This automates the process of OMR sheet checking by making the process faster, less error-prone and reducing the workload on teachers.

Real Estate Website Scraper | Python, Beautiful soup

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

EXTRA-CURRICULAR ACTIVITIES

Teaching Assistant at Rutgers University

Jan 2023 - Present

Worked as a TA for undergrad course; Principles of Information and data management. Responsibilities included: Taking recitation lectures to review the concepts that had been taught, taking office hours to clear doubts of the students and grading assignments.