

MANOJ BODDU

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EDUCATION

Arizona State University, Tempe AZ Master of Science in Computer Science	Aug 2021-May 2023
Vellore Institute of Technology, Vellore, India Bachelor of Engineering in Computer Science and Engineering	Jul 2017-Apr 2021 GPA 8.25/10

SKILLS

Programming Languages: Python, Java, SQL, JavaScript, Typescript, C++
Databases: PostgreSQL, MongoDB, MySQL
Frameworks: Bootstrap, Angular, NodeJS, Flask, Express
Cloud Technologies: EC2, S3, Lambda, RDS, DynamoDB, CloudFormation, CodePipeline
Tools and Technologies: Git, Jira, Taiga, Agile, Postman, Heroku, AWS

EXPERIENCES

- Web Development Intern** | Toroid Technologies Mumbai, India | May 2020 - Jun 2020
- Migrated the PDF generation of Invoice from EC2 instances to a Serverless application on AWS Lambda and leveraged the use of SQS and S3 services, leading to a **40%** reduction in overall Operational costs and CPU utilization.
 - Worked on JIRA for defect/issues logging & tracking and documented all my work using CONFLUENCE
 - Technologies used are Angular, NodeJS, AWS, Bootstrap
- Web Development Intern** | Delineate Innovations Mumbai, India | Jan 2019-Mar 2019
- Collaborated with the team to design, structure, and implement a new website from start to finish according to the client's requirements.
 - Active participation in the development process through the entire software Life-cycle under Agile methodology and participated in weekly meetings with executives, supported brainstorming and idea generation.
 - Technologies involved are Angular, Bootstrap, SQL, NodeJS.

PROJECTS

- Country Details** – Python Package | Python | [\[Source Code\]](#)
- Developed and published a python package for countries' data in the official Python Package index.
 - The package has been developed with all the exception handling cases, docstrings, and proper documentation so that developers can find it easy to understand and use.
 - Users can install and use it using pip install *country-details* from their terminal. Developers can request any country-related data to use in their development code.
- Converter PDF BOT** – A Telegram Bot | Python, Heroku, Telegram | [\[Source Code\]](#)
- A telegram bot that helps in converting multiple images to pdf with jpg, jpeg, png files supported with zero additional compression.
 - Additionally, the bot can also convert 40+ different file formats to pdf.
 - Hosted on Heroku and users can use it from their telegram app by calling **converter_pdf_bot**.
- Job Scraper Bot** | Python, Flask, Heroku
- A python bot that scrapes jobs from different online sites and returns an order list of jobs based on the preferences given by the user.
 - Scrape jobs into a single spreadsheet with the job category, company, description, and location of the job.
- Figanizer** – Sort Images & Videos based on the given Category | Python
- Developed a Python script that automatically sorts our bulk images & videos into separate folders based on the category we provide. Ex-Date, Image type, size, Camera.
 - Script uses EXIF data of images and sorts based on the given category.
 - Figanizer can identify duplicate images or videos and remove them
- ## EXTRACURRICULAR ACTIVITIES
- Freelancer in web development (freelance works are [Sahiti](#), [Loyaldreams](#), [Bhavanisky Towers](#))