MANNAN SHUKLA

(609) 575-0436 | mannanshukla@icloud.com | linkedin.com/in/mannanshukla | github.com/mannanshukla

EDUCATION

Rutgers University - New Brunswick ⟶ GPA - 3.5
Bachelor of Science - Computer Science ⟶ *Expected May 2025*

- Data Structures and Algorithms, Computer Architecture, Discrete Mathematics, Linear Algebra
- RUSLUG, RU Security Club, Photography Club, Sailing Team

EXPERIENCE

Marketing and IT Director ⟶ July 2023 - Present
American Louvered Roof ⟶ *Trenton, NJ*

- Designed and developed web presence using Bootstrap deployed on Google Firebase (https://americanlouveredroof.com)
- Manage all company servers, domains, email addresses, VoIP, and digital accounting managing thousands of dollars
- Formalized next-generation marketing strategy using social media plus traditional face to face techniques along with expansion plans
- Fostered relationship with 3 major clients resulting in current sales over $30,000

President ⟶ September 2023 - Present
Rutgers University Student Linux User's Group (RUSLUG) ⟶ *New Brunswick, NJ*

- Resurrected club following 12 year gap, developed constitution and recruited 20 members
- Maintaining strong culture of inclusivity and curiosity for free and open source software and its community
- Hosting installfests, keysharing events, howto presentations, lan parties, and discussions
- Launched and maintained all social media, community outreach, webstite, and Linux servers for website, games, and libre services

Student Design Researcher ⟶ June 2023
Innovation, Design, and Enterprenuership Academy at Rutgers ⟶ *New Brunswick, NJ*

- Developed Full Stack Volunteer Management System for non-profits with team of 5 design researchers in a 5 week program at Rutgers University
- Located, Interviewed, and Consulted 5 key stakeholders from the Mercer and Middlesex County area
- Presented finalized project and process to stakeholders, program directors, Deans at Rutgers, and the greater university community
- Secured contract to deploy for Robbinsville Hydroponic Farm at the conclusion of the project

PROJECTS

zipgig | *Python, FastAPI, Bootstrap, MongoDB* ⟶ September 2023

- Created a full-stack web application to help users find one day jobs and gigs
- Utilized Bootstrap and Jinja templating to create a dynamic and approachable frontend
- Implemented FastAPI and python to implement a simple yet powerful REST API for backend
- Incorporated MongoDB database for efficient querying to eliminate wait times for all users and post data

headcount | *Python, FastAPI, React, MongoDB, pypdf, Google Sheets API, git* ⟶ June 2023

- Developed a full-stack web application for volunteer management using FastAPI serving a REST API with a React frontend
- Implemented pypdf to make writing forms easier and to fully automate recordkeeping, saving hours of searching
- Integrated Google Sheets API to automaticially generate spreadsheets containing user data and records for easy submission

TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript, HTML/CSS
Frameworks: React, Node.js, FastAPI, Flask, Bootstrap, MongoDB
Developer Tools: Git, Docker, Linux, AWS, Firebase, vim
Libraries: pandas, NumPy, Matplotlib, plotly, TensorFlow
Certifications: AWS Cloud Practitioner, ISC2 CCSP (Certified Cloud Security Professional)