Mannan Shukla

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

EDUCATION

Rutgers University   New Brunswick, NJ
Bachelor of Science - Computer Science   *May 2026*
- Data Structures and Algorithms, Computer Architecture, Discrete Mathematics, Linear Algebra
- RUSLUG, RU Security Club, Photogtaphy Club, Sailing Team

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)

EXPERIENCE

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 a team of 5 design researchers in a 5 week program at Rutgers
- Located, Interviewed, and Consulted 5 key stakeholders from the Mercer and Middlesex County area
- Presented finalized project and process to 4 other IDEA cohorts, stakeholers, program directors, Deans at Rutgers, and the greater university community
- Landed contract to deploy for Robbinsville Hydroponic Farm at the conclusion of the project

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
- Formalized next-generation marketing strategy using social media and traditional face to face techniques and expansion plans
- Helped foster relationship with 3 strong 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 after 12 years, developed constitution and recruited members
- Maintained strong culture of inclusivity and curiousity for free and open source software and its community
- Hosted installfests, keysharing events, howto presentations, lan parties, and discussions
- Launched and maintained all social media, community outreach, webstite, and Linux servers for the website, games, and libre services

PROJECTS

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 and automate recordkeeping
- Integrated Google Sheets API to automaticially generate spreadsheets containing user data and records for easy submission

zipgig | *Python, FastAPI, Bootstrap, MongoDB*   September 2023
- Created a full-stack web application to help people find one day jobs and gigs
- Utilized Bootstrap and Jinja templating to create a dynamic, yet approachable frontend
- Implemented FastAPI and python to implement a simple yet powerful REST API for backend
- Incorporated MongoDB database for super fast querying to eliminate wait times for all users and post data