ANKU SHARMA

📞 812-778-5368 ✉ sharanku@iu.edu in Anku ○ Granuels 🌐 Anku's Portfolio

EDUCATION

Indiana University, Bloomington IN, United States   **May 2024**
Master of Science in Computer Science

Amity University, Noida UP, India   **May 2020**
Bachelor of Technology in Computer Science and Engineering

TECHNICAL SKILLS

- **Programming Languages:** SQL, C, Java, Python, Typescript
- **Web Technologies/Frameworks:** CSS, Bootstrap, HTML, JavaScript, Selenium, Cucumber, TestNG, Junit
- **Platforms:** NetBeans, Eclipse, Turbo C, DBeaver, PostgreSQL, Anaconda, Android Studio, Postman, Jupyter

WORK EXPERIENCE

Sweat Equity Systems, Florida, US   **September 2023- December 2023**
Typescript Developer Co-op
- Conducted comprehensive research and analysis on email integration options; led the implementation of Gmail API, streamlining communication processes
- Orchestrated the in-app notification system with TypeScript, leading to a 15% increase in the daily active users

Sweat Equity Systems, Florida, US   **July 2023- August 2023**
Backend System Specialist Intern
- Leveraged TypeScript to integrate application with Firebase and Twilio, enabling SMS and WhatsApp functionality
- Performed data analysis with BigQuery to extract valuable insights for informed decision-making process

Accenture, Gurugram, India   **November 2020- August 2022**
Application Development Associate
- Created automated tests for 5 client software projects using automation tools: Selenium, Appium, Postman, JMeter
- Developed and executed API testing scripts utilizing REST Assured framework, ensuring seamless integration and functionality of 20+ APIs across diverse platforms, reducing error rate by 40%
- Identified, recorded and reported defects in client's proprietary software, increasing system effectiveness by 75%
- Lowered time taken for testing by achieving 100% automation in the testing of sim service relating web application
- Drafted, implemented and trained interns about the functional test plan, yielding a 33% boost in testing efficiency
- Achieved recognition as top performer in the sprint by raising maximum defects, thereby improving product quality

Delhi Transco Limited, Delhi, India   **May 2019- July 2019**
Frontend Intern
- Conducted extensive user research and usability testing to identify pain points and optimize the user experience, resulting in a 25% decrease in customer support inquiries and a 15% increase in customer satisfaction ratings
- Optimized front-end performance by reducing website load time by 3 seconds, leading to 10% increase in revenue

ACADEMIC PROJECTS

WhatsApp Bot | *Python, Flask, ngrok*   **December 2023- January 2024**
- An application that takes user input via WhatsApp, searches Google using the googlesearch library, and returns the top 3 results over WhatsApp using the Twilio API

Delivery Management System: B-Town Dash | *React, JavaScript, HTML5/CSS*   **February 2023- April 2023**
- Implemented and optimized dashboards for a delivery management system, enhancing customer experience with seamless order tracking and real-time feedback, potentially reducing cancellations by 50%
- Spearheaded the development of UI components with React, backend integration, optimizing website performance

Virtual Mouse using Color-Code Technique | *Python, OpenCV*   **February 2020- May 2020**
- Engineered an innovative OpenCV solution for a virtual mouse, employing real-time color recognition, image filtration, precise mouse actions based on color pointers from a web camera, enhancing usability and functionality

PUBLICATION

- A. Sharma and Yogesh, "A Review on Data Flow Risk based on IoT," Published in 2019 International Conference on 'Issues and Challenges in Intelligent Computing Techniques' by IEEE Xplore on 3 February 2020

CERTIFICATIONS

- Accenture certification for stream training in Automation Testing (May 2021)
- Completed and received certification by Cisco in CCNA Routing and Switching (December 2018)
- Training in JAVA and received certification from Hewlett Packard Enterprise (September 2018)
- Training in C and received Certification from NIIT (July 2017)