

ANKU SHARMA

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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

- Streamlined email service integration. Researching ways to implement a system that gathers session information of users to assign unique badges to user's profile, for better user personalization and 15% increase in user retention

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.
- Orchestrated the in-app notification system with TypeScript, leading to a 15% increase in the daily active users
- 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

Delivery Management System: B-Town Dash

February 2023- April 2023

- Implemented and optimized robust dashboards for a delivery management system, revolutionizing the customer experience with seamless order tracking, delivery service selection, and a real-time feedback mechanism; potentially reducing order cancellations due to delivery unavailability by 50%
- Spearheaded the development of UI components with React, backend integration, optimizing website performance
- Simplified the code review process by implementing a structured checklist and providing constructive feedback, resulting in a 40% reduction in bugs and efficient codebase

Virtual Mouse using Color-Code Technique

February 2020- May 2020

- Engineered an innovative solution utilizing OpenCV to create a virtual mouse that accurately performs computer mouse events; employed real-time color recognition, image filtration, and color matching algorithms to execute precise mouse actions based on color pointers displayed on the web camera, elevating usability and functionality

PUBLICATION

- 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)