

Naman Khurpia

Seeking Summer Intern 2023

• 100 Winspear Ave, Buffalo, NY, 14214 • (716) 770-9690 • namankhu@buffalo.edu • [LinkedIn](#) • namank.xyz • [blog](#)

EDUCATION

University at Buffalo, The State University of New York at Buffalo, MS in Computer Science Expected Dec 2024
VIT University, Vellore Institute of Technology, Bachelor of Technology in Computer Science, GPA 8.49 out of 10.
Top 5% of the class in Problem Solving and Object-Oriented Programming classes. June 2020

TECHNICAL EXPERIENCES

TATA Consultancy Services – TCS Digital, Bangalore, India, System Engineer Aug 2020 - July 2022

- Migrated Western Union's money transfer solution from Cobol to Spring Java Microservice, re-designed and designed architecture of WillCallStore (WCSTOX) program's solution by collaborating with multiple teams, Responsible for carrying out transactions from 50+ countries.
- Developed WCSTOX Program from scratch, validates and stores all money order records in postgres and connecting data-stream via Kafka, managing configurations of multiple Kafka topics, Devised common encryption layer for all user sensitive data.
- Coached a team of 10 new developers and resolved task of stitching code piece by piece.
- Presented new innovative solutions of code migration by use of NLP (natural language processing)- Wrote a script, auto converts basic syntax from Cobol to Java.
- Added unplanned privy features after overtaking OV-VIGO company.

TATA Consultancy Services, Bangalore, India, Systems Engineer Intern Jan 2020 - April 2020

Collaborated at CMA (Cloud Microservices Amplification) Department, Launched a large-scale solution for a global enterprise, with server-side load balancing – Netflix OSS, Spring Boot, Angular 7, MySQL.

LEADERSHIP ACTIVITIES

- **School of Computer Science – Buffalo, US, Speaker** Sep 2022
Administered a workshop on Git and GitHub for Master & PhD students, under the guidance of [Alina Vereshchaka](#).
- **Apple Developers Group – Vellore, India, Lead Android Developer & Events Head** [website](#) (2018 - 2019)
Mentored 100+ students about Native Android App Development, Unity 3D and Native iOS App Development.
- **Creative Educational Society – Bhopal, India, Core Committee Member** (2016 - Present)
Managed NGO, opened in 1993 by Khurpias, conducted sessions for children on importance of Education and Technology.

PROJECTS

- **Coneato (2022), Personal Project – Jan 2022** - A Hyper Casual Multiplayer Game for Android, uses machine learning to play with human, 20k request on gameplay moves. [Check GitHub](#)
[live on playstore](#)
- **Smart Garbage Box, Bin Box (2019), Computer Science Department – Fall 2020** Created a smart dustbin, rewards points to users once garbage is disposed in bin, Native Android app + spring boot backend. [view here](#)
- **Paper VIT (2019), School of computer science – Fall 2019**, Question paper viewing app (Android) for VIT University, implemented Facebook ads for monetization of service, managed to get more than 2k downloads. [view here](#)
- **Easy Ed (beta), School of computer science – Fall 2018**, A native Android App which enables visualizing various scientific concepts in 3-D using Unity AR, presented during Hack4Cause 2018 international hackathon. [view here](#)

ACHIEVEMENTS

- Special Achievement Award by TCS - Employee of week during award Sprint. 2021
- 1st Prize at MLH Local - Hackday - An open Hackathon organized by Developers Student Club by Google - GitHub, invented a human sentiment analysis using classification connected with an Android App. 2019
- 3rd Prize Winner at App Challenge – A Mobile Application Development Hackathon held in GraVITas, technical fest of VIT University, Launched an ecommerce app for farmers in less than 12 hrs. 2019
- 3rd Prize Winner at Hack4Cause - A Hackathon in field of Digital, Image Processing via Augmented reality organized by IEEE-SSIT, build an Augmented reality app, helping dyslexic students understand scientific concepts. 2018

RESEARCH EXPERIENCE

Lead Author/ Springer Singapore Journal, 2020 MARCH, Molecular Dynamics using Open MP + OpenMP SIMD.

[View paper](#)

Lead Author/ IEEE Vizag Bay Section, 2021 MARCH, Analysis of Machine Lexical using NLP.

[View paper](#)

SKILLS

Technical Frameworks: Spring Boot, Apache Kafka, Angular 13, AWS, Netflix OSS, Zuul, Django.

Programming Languages: Java, Python, C/C++, Swift, TypeScript, JavaScript