

Samarth Batra

samarthh44@gmail.com

EDUCATION

STONY BROOK UNIVERSITY

MASTERS IN COMPUTER SCIENCE
Aug 2026 | New York, United States
Exp GPA: 4.0

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

B.TECH IN COMPUTER SCIENCE
june 2021 | India
Cum. GPA: 3.58

LINKS

Github:// [sambey04](#)
LinkedIn:// [samarthBatra](#)
Portfolio// [batrasamarth.com](#)

COURSEWORK

UNDERGRADUATE

- Algorithm Design and Analysis
- Data Structures
- Object Oriented Programming
- Open Source Software Engineering
- Operating System
- Database Management Systems

ADDITIONAL

- Competitive Programming
- Data Structures and Algorithms in C++
- Cloud Computing And virtualization Technology
- Unix Tools and Scripting

SKILLS

PROGRAMMING

Languages

Java • Python • C • C++ • Bash

Tools

Postman • Burp Suite • Maltego •
Photoshop • Metasploit • Jenkins •
Maven • Docker • confluence • jira

Other

Linux • Arduino • AWS

CERTIFICATES

NPTEL- ETHICAL HACKING AND NETWORKS

NPTEL- INTRODUCTION TO ALGORITHMS AND ANALYSIS

EXPERIENCE

AMAZON | SOFTWARE DEVELOPMENT ENGINEER SDE-1

May 2022 - Aug 2024 | Bengaluru, India

- Designed and developed multiple high-level designs (HLD) and low-level designs (LLD) for the separation of test accounts, product details page, and inventory management.
- Created and executed a novel API solution to address reimbursement needs for MCF merchants.
- Integrated AIM (Application Inventory Management Service) with Downstream API's, facilitating the retrieval of FC (Fulfillment Center) responses to display on the product details webpage.

COGNIZANT | SOFTWARE ENGINEER

Jan 2021 - May 2022 | Gurugram, India

- Contributed to the setup of continuous integration and deployment pipelines using Jenkins and AWS Code Deploy, streamlining the software development and deployment processes for the project.
- Updated unit tests, implemented integration tests, and handled exceptions effectively, ensuring the robustness and reliability of the software.

ACROSS THE GLOBE HANDLING ATG.WORLD INTERNSHIP | API TESTING AND AUTOMATION

June 2020 - Aug 2020 | Bengaluru, India

- Improved API by Testing through manual scripts and Postman
- Implemented Automation Scripts for Testing Web App, and Android App by using Python Selenium and Appium.
- Found Stored Cross-site scripting(XSS) bug in the Production Environment

PROJECTS

SMALL SCALE HYPERTEXTUAL WEB SEARCH ENGINE

- 1) Implemented a Web Crawler from scratch for indexing in Python by Inserting data in mongoDB
- 2) Integrated Web APP and mongodb by creating ranking algorithm for proper Search output

TYPING TUTOR

- 1) Implemented A Typing Tutor For Typing Practice which Dynamically generate words according to user mistakes
- 2) Improved Typing Accuracy by 60 Through Analyzing user previous Mistakes

AWARDS

Got a Max of 1768 Rank on CodeForces

Top 6, IEEE Hackathon, 2019

Got Selected in top 10 Participants in CSI Hackathon

Rank 24 in Contest at Interview Bit

Snackdown 2019 - Round 1B (Rank 436)

Completed The Task with more PR's (10) than required. Received Merch and stickers from Company

Top 10 in E-Cell startup weekend