

Ishaan Chawla

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EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems

Master of Science (M.S.) in Computer Science | **GPA: 3.79**

New York, NY

January 2022

Shaheed Bhagat Singh State Technical Campus

Bachelor of Technology (B. Tech.) in Computer Science | **GPA: 3.33**

Ferozepur, India

July 2019

RELEVANT COURSEWORK

Algorithms & Computing Theory | Parallel & Distributed Computing | Python Programming | Artificial intelligence | Mobile Application Development | Data Mining | Computer Science Project 1 | Computer Science Project 2

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript, C++, HTML, CSS, ReactJS, React Native, Nodejs, ExpressJS, Data Structures & Algorithms

Operating Systems: Windows (Xp, Vista, 7, 8, 10), Linux, Mac OS X

Database: MySQL, Microsoft SQL Server, MongoDB

Certifications: Passed LinkedIn Skill Assessment for C, Java, MySQL, Python, ReactJS, Nodejs, HTML, CSS, MongoDB, Object-Oriented Programming (OOP), JavaScript

WORK EXPERIENCE

Amazon Web Services Inc. as Software Development Engineer

March 2022 – June 2022

- Work in a Scrum/Agile environment to plan and estimate work at different levels like story, sprint, and release.
- Worked on Aws Console recommendation system to remove the unused API's and setting it to new recommendations programs to which increased recommendations for AWS resource optimizations to customers by 50%. Work in a Scrum/Agile environment to plan and estimate work at different levels like story, sprint, and release.
- Created new Aggregate alarm to raise tickets of daytime sev 2.5 for passing the error threshold in AWS CloudWatch which reduced the error rate by 65%.
- Collaborated with AWS compute optimizer team to solve ticket and find the root cause of the errors generated in AWS CloudWatch.

Shoptaki Inc. as Software Engineer Intern

February 2021 – May 2021

- Full stack application development by coordinating requirements & activities of software programming to develop a Customer Smart chain KYC system using Python, React, Redux, Material UI.
- Participated in the architecture, design and deployment of client, server application.
- Implement improvements in the design of existing software architecture.
- Design and conduct tests for the software to strengthen quality and functionality of application.

ACADEMIC PROJECTS

Website Scraping

December 2020

- Collaborated with a team of 4 to extract relevant information from multiple websites using Python libraries Scrapy, BeautifulSoup (BS4), and Spider to create Scraper and Crawler.
- Extracted data using Scrapy with XPath selectors from various websites to get abstract information.
- Extracted and stored user data in MongoDB database using library Pymongo to be utilized for data analysis.
- Compiled the completed application over a cloud platform using Heroku and implemented Slack API to send users notifications when compilation is completed.

Jobster

January 2021

- Collaborated with a team of 6 to develop a cross-platform progress web application to help job seekers for better job exploration.
- Designed and developed backend using React.js, React native and backend with Node.js.
- Implemented Google Cloud SQL as a real time database to connect the backend to frontend of the application.

Stock Market Prediction Model

December 2020

- Developed stock market prediction model using scikit learn for various stocks listed under NASDAQ.
- Implemented various data analysis and data visualizations techniques to plot data of the stock market.
- Tested model cross validation with primary prediction model to compare model's prediction accuracy.

Awards & Achievements

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| • SUSE Cloud Native Scholarship | June 2020 |
| • Intel Edge AI Scholarship | December 2019 |
| • Google India Challenge Scholarship | February 2018 |

