

ABHINAV MINOCHA

APPLICATION DEVELOPMENT ANALYST

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Stony Brook University,
New York



Dynamic, energetic, results-driven **Software Professional** with an extensive career of over **2+ years**, powered with expertise directing all aspects of **Data structure & Algorithms, Computer Networks, Operating Systems, Object Oriented Programming, Machine Learning, Database Management Systems, Discrete Mathematics and Compilers**. Exceptional communicator with strong analytical skills, interpersonal awareness, natural rapport building abilities and excellent problem-solving skills. Demonstrate profound expertise in agile methodologies and basics development tools like JIRA. Inspiring team leader with a positive can-do attitude, who is self-motivated, confident, flexible and always up for challenges to reach maximum potential in given role.



WORK EXPERIENCE

Application Development Analyst

June 2019 – January '21

Associate Software Engineer

Sept 2017 – May 2019

Key Result Areas:

- Review development of test protocols for testing applications before user acceptance; Assist with the configuration, implementation and maintenance of the technical environments for the current development, staging and production environments.
- Drive solution delivery by closely working with business users, business analyst, project managers and other relevant teams in all phases of SDLC.
- Proficient at Hybris Core Development with expertise in Data Modelling, Spring aliasing and override OTTB services, facades, Dao and other components.
- Creating Restful and SOAP web-services, business processes (Order Fulfilment), Converters and populators as per requirement.
- Accountable to develop, perform requirement elicitation, testing and deployment and postproduction support.
- Responsible for IT Service Management, Incident Management, Problem Management and Change Management processes.

Residential Safety Program Field Worker

May'21 – July'21

RESEARCH AND ACADEMIC PROJECTS

- Nature Inspired Web Clustering Algorithms:** Clustering algorithms like K means algorithm and Ant Colony Optimization algorithms have been implemented to perform text mining for web intelligence data.
Technology used – JAVA.
- Automated Invigilation:** This project aims to create an automated system for attendance marking and invigilation by tracking the human movement using video and image processing.
Technology used – MATLAB.
- Clothing Application:** It is an application where users can order clothes from different brands.
Technology Used – JAVA + SERVLETS + HTML.
- Wall of Shame Android Application:** Built an android application to show the wrongdoers in the society who are polluting the environment and appreciating their apologies for the same.
Technology used – Android App Development, JAVA.

TECHNICAL PROFICIENCIES

LANGUAGES | C, C++, Python

DATABASES | MySQL, Django

WEB TECHNOLOGIES | JavaScript, HTML, JSP, CSS, XML, BOOSTRAP

RESEARCH PAPERS

Built a research paper on Automated Exam Invigilation which presents a methodology to automate the invigilation of examination.

ACHIEVEMENTS

- ✓ Secured 3rd place in 2nd Year University Exams.
- ✓ Secured 2nd Place in 3rd Year and 4th University Exams.
- ✓ Undergraduate Student Advisor at College
- ✓ Public Relations Specialist Awardee
- ✓ Awarded with the most prestigious "Pinnacle Award" at Accenture.
- ✓ Won "Spot Award" by my key clients for giving exemplary performance in delivering work among all the employees in the team.
- ✓ Cultural PR Member at International Student Organization in Stony Brook University

EDUCATION

Master's in Computer Science

(Stony Brook University)

2021 – 2022

COURSES

- 1) Analysis of Algorithms (CSE-548)
- 2) Probability & Statistics for Data Scientists (CSE-544)
- 3) Network Security (CSE-508)
- 4) Visualization (CSE-564)
- 5) Data Mining Concepts & techniques (CSE-521)