

Priti Singh

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EDUCATION

Maulana Abul Kalam Azad University of Technology

Master of Science, Computer Science, May 2020 -July 2022

Selected Coursework: Software Engineering, Artificial intelligence, Data structure and algorithm, object - oriented analysis and design, discrete mathematics and numerical methods, advanced computer architecture, advanced operating systems, Operation Research, Machine Learning, Image Processing.

West Bengal State University

Bachelor of Science (Hons.), Microbiology, August 2016-May2019

SKILLS

Relational Database	- Postgresql, Mysql
Full-stack development	- HTML, CSS, Bootstrap, PHP, Javascript, JQuery, Ajax, Creating API, Laravel, Angular 5, Wordpress CMS, Nodejs, Apache
Programming Languages	- C,R programming
BI Tools & Softwares	- Github, Git-flow, JIRA
Project Management	- Agile and Scrum
Data Science	- Business analyticsfdxzdsdsa, data analytics

RESEARCH EXPERIENCE

Research Assistant

Quantum Computing, QRDLab , Calcutta, India

April 2021- August 2021

- Perform intensive study on different aspects of Quantum Computing
- Developed certain quantum modules and blocks
- Have coded those modules and blocks using Qiskit and run them on the simulator provided.

Junior Research Assistant

March 2021- July 2021

Elite Institute Of Technology And Management, Calcutta, India

- Utilize software configuration and management throughout the development process.
- Build and develop systems which demonstrate and make accessible the underlying research technology.
- Managed, documented and controlled all the test scenarios and test cases.
- Involved in black-box testing, functional testing, integration testing, regression testing and End-to-end testing.

Undergraduate Research Assistant

December 2018- April 2019

SHRM Biotechnologies Private Limited, Calcutta, India

- Find the ligand-binded structure of two molecules.
 - Building a 3-D structure of the protein by using swiss-model
 - Running the 3-D structure in Dock Blaster to achieve the compatible cavity of the protein structure
 - Used MTiOpenScreen to obtain compatible ligands for Swiss-Dock.
 - Running Swiss-Dock to achieve the ligand-binded structure
 - Visualization of the structure by Chimera and Pymol.
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EXPERIENCE

IELTS Trainer

Ingress Overseas, Kolkata, India, April 2023- Present

- Provided instruction on four different modules on IELTS
- Maintained records of student's assignment, performance and progress overtime.

Data Scientist

Ardent Computech Pvt. Ltd., Calcutta, India, August 2022- April 2023

- Build predictive models using various machine learning tools to predict the possibility of equipment failure.
- Demonstrate knowledge and execution of application programming interface development and test automation.

Full-stack Development Intern

Acesoftech Acedemy, Calcutta, India, August 2021- August 2022

- Ensured compatibility with major browsers on desktop platforms by coordinating core server product development in MVC.
- Increased customer satisfaction by creating databases utilizing Advanced PHP and MySQL.

Front-End Development Intern

Tech Table, Chennai, Tamilnadu, India, January 2021- April 2021

- Developed, designed and maintained the public websites.
- Delivered responsive, accessibility compliant, cross-browser compatible websites.

- Designed dynamic and browser compatible pages using HTML5 and CSS3, bootstrap, jQuery, javascript.
- Designing frontend within object-oriented javascript frameworks like- Angular.js.

IoT intern

Ardent Computect pvt. Ltd., Calcutta, India, May 2019- June 2020

- Analyze use cases required for realization of application software.
- Work closely with product management, marketing and program management.

Android App Development

Techtree Technologies, Saltlake, Calcutta, India, January 2019- April 2019

- Development of a mobile application for monitoring employee leaves management.
- Environment Android Studio, Java, Android SDK, Android Development Tools, JSON, XML.
- Involved in the full life cycle of the project including analysis design, development, debugging, testing and deployment.
- Independently handled analysis, design, build, test the code, debug and implement application.
- Implemented viewpage based navigation for the app
- Multi-Screen UI Design.

Spoken English Trainer

Techno International Academy, Kolkata, India, November 2021-Present

- Created structured activities for interactive learning, such as word analysis, word comprehension and fluency.
- Developed unique handouts, study guides and assessments to assess and improve student knowledge.
- Devised effective learning plans to address the strengths and weaknesses of students writing abilities.

Email Marketer

Weaving Thoughts, New Delhi, India, January 2019- Present

- Work as an Email Marketing Manager to manage operational details such as email deployments, source code uploads, and link management
- Develop and create email test strategies to refine email communications performance, including content, messages, images, subject lines etc.

PROJECTS

Home Automation Project

Ardent computech pvt. Ltd., Calcutta, India, August 2022

- Responsibility of controlling gadgets remotely.
- Home lighting to heating everything will be controlled remotely.

Automatic street light

Ardent computech pvt. Ltd., Calcutta, India, August 2022

- *The circuit employed the output from a light or dark activated circuit.*

- s attached to switch to on or off a street light.

Ecommerce Developer

AceSofTech Academy, Calcutta, India, January 2022

- Working with multi-currency web platform that is integrated with wide range of business systems.
- Monitor and improve quality of web components.
- Participate as a part of the team to ensure successful and timely technical implementations and process adhesion related to analysis, designs, development, rollout and support of E-commerce applications.
- Ensure adherence to eCommerce web sites quality control, change management, and compliance.
- Design and develop related applications.

Employee leave Management System

Techtree Technologies, Calcutta, April 2019

- Implemented an android application to manage the leave management system of thousands of employees.

Molecular Docking

SHRM Biotechnologies Private Limited, Calcutta, December 2018

- Find the three- dimension structure of two molecules.
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Awards and Memberships

- Swami Vivekananda Merit cum Means Government Scholarship (January 2022).
 - Member at The Indian science congress Association.
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Webinar

- Simplilearn Webinar on Big Data Through Open-Source Technologies
 - IEEE webinar on Convolution Neural Network
 - Simplilearn Webinar on How AI is changing the dynamics of Fintech
 - IVY Professional School Webinar on Begginers in Data Science.
 - Full-stack development bootcamp on Edureka.
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Training and Certifications

- Machine learning using python Industrial training from NSIC Technical Services Centre
- Web Designing certificate from Udemy.
- Microsoft Office Suite: Word, Excel, Powerpoint, and Adobe Photoshop.

- Certificate on first- aid
- Certified Ethical Hacking Training from Indian Institute of Cyber Security (Pursuing)