Chandrima Mukherjee

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SUMMARY

Results-driven and innovative Python Developer with a Master's in Computer Science and 5 years of proven expertise in designing and delivering cutting-edge applications. Adept at leveraging emerging technologies to solve complex challenges in healthcare analytics and web development.

EDUCATION

Master of Science (MS) in Computer Science
Queen Mary University of London | Sep 2022 – Sep 2023
- *Dissertation:* Pioneered a methodology preventing SQL Injection Attacks, elevating cybersecurity measures.
- *Relevant Modules:* Excelled in Machine Learning, NLP, Security, and Data Analytics.
- *Grade:* Distinction

Bachelor of Technology (Btech) in Computer Science
Siksha O'Anusandhan | Aug 2015 – Jun 2019
- *Project:* Led the development of Medibot, a medical chatbot.
- *Grade:* 9.35/10 CGPA

PROJECTS

1. **Medibot – A Medical Chatbot | Jan 2019 – Mar 2019**
   - *Collaboration:* Spearheaded the development of Medibot using Python, MongoDB, and JSON, improving healthcare communication.
2. **Linear Regression with Stock Price Index | Jun 2018 – Jul 2018**
   - *Implementation:* Applied supervised and unsupervised learning, significantly enhancing financial predictions.
3. **Online Restaurant Aggregator | May 2017 – Jul 2017**
   - *Technologies:* Developed a dynamic platform using PHP and MySQL, streamlining restaurant data.

WORK EXPERIENCE

Lab assistant, Queen Mary University, London | Oct 2022 – Apr 2023
- *Leadership:* Directed a 202-student cohort, providing clear instructions and fostering a conducive learning environment.

Software engineer, Thomson Reuters, Bengaluru | Dec 2021 – Aug 2022
- *Collaboration:* Led a team of eight professionals, contributing to a successful web app.
- *Innovation:* Implemented robust unit testing procedures, ensuring top-notch quality for three UI modules.

Production specialist, Nutanix Technologies, Bengaluru | Jul 2019 – Dec 2021
- *Efficiency:* Delivered four efficient web applications using Python, Django, and JavaScript.
- *Automation Excellence:* Automated video downloads, streamlining video management and enhancing overall efficiency.
- *Insights:* Applied sentiment analysis, providing valuable insights from customer feedback.

SKILLS

- *Python, Django, JSON, XML, XSLT, MySQL, Tkinter, PyQT5*: 3+ years of experience.
- *Angular, NgRx, Bento, MongoDB, TypeScript, Docker*: 1 year of experience.
- *HTML, CSS, JavaScript, ReactJS, NodeJS:* advanced web development.

- *Springboot, Spring MVC, AWS, DynamoDB, Terraform*: Certification course and project experience.
- *Languages:* English (fluent), Bengali (Mother tongue), Hindi (Conversational).

CERTIFICATION
Advanced Certificate Program in Full Stack Development, IIT Roorkee – Roorkee | May 2022- Jun 2023
- Professional Development Studies: https://eportfolio.mygreatlearning.com/chandrima-mukherjee .
- 4.11/4.33 GPA.

ACCOMPLISHMENTS
Shine Award, Thomson Reuters | May 2022
- Received 1 award from Thomson Reuters, took challenge to learn the technical areas and apply in a span of 3 months.

Exceptional Performance, Nutanix Technologies | Aug 2021
- Received 1 award from Nutanix Technologies in recognition for the work done in shaping different department initiatives.