MAYANK KUMAR SHAW

WORK EXPERIENCE

Full Stack Developer, Trainee   NeoSoft Technologies   **August 2021 – May 2022**

- Learned various technologies as a trainee under training period for developing full stack solutions.
- Reduced time to render the components by 50% by reducing the complexity of the components and simplifying the complex structure of the React and Angular apps.
- Created 20+ Angular components for a Car Rental project UI that would call APIs to Spring Boot micro-services and dynamically generate content pages from data received from database increasing modularity by 75%.
- Implemented 10+ Spring Boot micro-services that would provide authentication and CRUD operations on the data by using JAVA streams and Data JPA.

ML Engineer, Intern   eBrain Softech Pvt. Ltd   **July 2020 – September 2020**

- Lead a team of 4 members to work and create a Brain Tumor Classifier.
- Created a Brain Tumor Classifier that would distinguish between malignant and benign tumors with an accuracy of 96%.

EDUCATION

M.TECH CSE (AI/ML)	NARULA INSTITUTE OF TECHNOLOGY	AUG **2022**	
B.E CSE	SAMBHRAM INSTITUTE OF TECHNOLOGY	AUG **2017 –** AUG **2022**	CGPA : **8.5**
12TH SCIENCE	ST. XAVIER'S INSTITUTION	**2015 - 2017**	**87.5%**
10TH	ST. XAVIER'S INSTITUTION	**2013 – 2015**	**94.2%**

TECHNICAL EXPERIENCE

Projects

- **Museum Management System** (2019). E-management system for a typical museum, where the staff can manage logistics of the museum using databases. (PHP, JavaScript, MySQL, Xampp)
- **AI Chat App** (2020 – 2021). An AI chat application used for general customer service provision in hospital and related institutions with an accuracy of 86%. (ReactJS, Python, Tensorflow, JavaScript, NodeJS)
- **AR Spawner** (2022). An Augmented Reality app that would generate and spawn 3d objects in virtual plane through AR supported phones. (Unity3d, ARCore, C#)
- **Wildfire Tracker** (2021). A React app for live tracking wildfire info online. (Reactjs, Google Maps API, NASA API)

ADDITIONAL EXPERIENCE AND AWARDS

- **Amazon Scholarship Recipient:** Competed in AWS SpeedRacer Summer 2022 and won scholarship of 4000$ for ML, technical and academic support from AMAZON and Intel partnered initaitive.
- **First Prize, Cryptography Competition:** Awarded 1st prize for solving patterns in cryptography completion at college, out of 100 participants.
- **GATE CSE 2021 :** AIR 10982, GATE Scholarship Recipient for Masters.
- **Freelance SWE & Design, Open Source Contributor, Hobbyist Game Developer.**

Skills Technologies

- Java; Python; SQL; JavaScript; NodeJS; MongoDB; ReactJS; Angular; Git; Docker; Spring Boot
- Visual Studio Code; Eclipse; MySQL WorkBench; AWS; MicroSoft Office; Tensorflow; Unity3D