Arghyadeep Mukherjee

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EDUCATION

Kalinga Institute Of Industrial Technology - 8.56 CGPA   Bhubaneswar, Odisha
Bachelor of Technology in Computer Science   *Sept. 2020 – Aug. 2024*

Kendriya Vidyalaya No.3 - 87.6%   Vadodara, Gujarat
Class XII   *Apr. 2019 – June 2020*

EXPERIENCE

Senior Team Member   Dec 2022 – May 2023
MLSA   *Bhubaneswar, Odisha*

- Learned and explored various popular techs like **Docker**, **AWS**, **Jenkins** used in Industry level DevOPs Projects.
- Automated and scraped various websites using Selenium and Python to test live Websites.
- Built a CICD Toolbox to accumulate all popular CICD Tools and automate CICD process.

Cyber Security Team Member   Oct. 2021 – Present
IOT Lab   *Bhubaneswar, Odisha*

- Communicated with fellow peers from various domains and collaborated.
- Learned and explored the field of IT and cybersecurity. Learned **NMAP**, **Burpsuite**, **Computer Networking.**
- Pwned various Machines to find **vulnerability** and secure them.
- Held **seminars** to raise awareness on **cyber security.**

Machine Learning Research Assistant   Jan 2023 – March 2023
Kalinga Institute Of Industrial Technology   *Bhubaneswar, Odisha*

- Explored methods to analyze given **employee data** and predict attrition.
- Learned various Libraries such as **Numpy, Pandas, Scikitlearn, Matplotlib**.
- Contributed to the project by using various techniques like **Regression, SVM, Decision Tree, Classification.**
- Conducted a human subject study(**IBM data archive**) to determine which employee has higher chances to stay in the organization.
- Wrote a 12-page paper and gave presentation on-campus.

PROJECTS

Jenkins TUI | *Python, Selenium, Jenkins, Geckodriver* | **LINK**   Feb 2023

- Developed a **TUI Based Jenkins application** to have all the functions of jenkins inside a UNIX terminal.
- Useful for folks who dwell in **UNIX-like** work environments. The application can run on low end devices too.
- Used **python** along with **selenium** and **geckodriver** as it's backend.

Tweetbook | *Javascript, ReactJS, NodeJS, ExpressJS, Material-UI, MongoDB* | **LINK**   May 2023

- Developed an **end to end social media platform** inspired by twitter and facebook.
- It has modern features as **comments, likes/dislikes, friends/followers.**
- Implemented using **React, Redux and Material-UI** in Frontend, along with **ExpressJS and Mongoose** at the Backend.
- Collaborated with peers to suggest features and get feedback about the application.

CERTIFICATES/ACHIEVEMENTS

Hackerrank: Basic Problem Solving (LINK)
Hackerrank: Intermediate Problem Solving (LINK)
Hackerrank: React Basic (LINK)
Solved 400+ questions on leetcode(with 75% of the questions are Hard, Medium) (LINK)
Successfully submitted 4 PRs in Github Hacktoberfest 2022 (LINK)

TECHNICAL SKILLS

Languages: Python, C/C++, SQL (MySQL/ MariaDB), JavaScript, HTML/CSS, TypeScript
Frameworks: Node.js, ExpressJS, Material-UI
Developer Tools: Git, Github, Docker, Linux, Neovim, VS Code, PyCharm
Libraries: React, Pandas, NumPy, Matplotlib, Selenium