

Akash Kokare

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EDUCATION

Bachelor's of Engineering With Information Technology Specialization
UNIVERSITY OF MUMBAI

Mumbai, IND | Jun 2022

WORK EXPERIENCE

RESEARCHWIRE | ASSOCIATE SOFTWARE ENGINEER

Navi Mumbai, IND | July 2022 – Now

- As a frontend developer, I specialize in using technologies like **ReactJS**, HTML, CSS, JavaScript, Git, GitHub, and Linux to create intuitive and responsive **user interfaces** and implemented sorting and searching filters for patent data.
- I also have experience in creating efficient back-end **microservices** using **Reactive Spring Boot** and utilizing data exchange formats like **JSON** and **XML Schema** where **10 million** of **XML data** is processed using TypeScript.
- I am proactive in identifying ways to streamline workflows and optimize system performance, and I am dedicated to deliver high-quality results that enhance the user experience and drive business growth.
- Implemented XML to JSON conversion using TypeScript to process 10 million records of XML data efficiently which is **10x** faster than XSLT Implementation.

REGEX SOFTWARE SERVICES | MACHINE LEARNING INTERN

Virtual | June 2021 - Aug 2021

- As a machine learning enthusiast, I have hands-on experience **building** and **optimizing** real-world machine learning models.
- I am skilled in **data collection**, **cleaning**, **preprocessing**, and **training** and I utilize advanced techniques like **Convolutional Neural Networks** and **TensorFlow** to deliver impactful ML solutions for various real-world Applications.

PROJECTS

NETFLIX-REACT-APP WITH INTEGRATED CHATGPT 

REACT, REDUX, TAILWINDCSS, FIREBASE, GPT

- In the Netflix React App, I've crafted an engaging UI featuring the use of TailwindCSS, which has a main movie with a background trailer and dynamic search bar. Users can explore curated movie lists, receive AI-driven recommendations through **ChatGPT's** integrated chatbot, and seamlessly navigate through genres and trending content.
- The app enhances the streaming experience with secure authentication using **firebase**, real-time suggestions, and personalized movie suggestions, creating an immersive movie-watching journey.

PATH FINDING VISUALIZER 

REACTJS, HTML, CSS, JAVASCRIPT, BOOTSTRAP.

- I developed a user-friendly web app that **visualizes** complicated **path finding** graph algorithms, such as DFS, BFS, And Dijkstra's Algorithm.
- I used my experience in web development and data visualization to design an intuitive and informative interface That allows users to **customize input parameters**, tweak algorithms in **real-time**, and save and share visualizations.

PENETRATION TESTING FRAMEWORK GUI 

PYTHON, TKINTER, SQLITE.

- I spearheaded the development of a cutting-edge GUI application that provides comprehensive cybersecurity Services, including a Password Manager, text encryption, password cracking, port scanning, and more.
- I utilized my extensive knowledge of cyber security to design and implement features that enable users to **Safeguard** their data and **protect** against cyber attacks.

SKILLS

Languages: C/C++, Java, XSLT, Python.

Web Development: React, JavaScript, Typescript, Bootstrap, HTML/CSS, NodeJS.

Technology: Git, AWS EC2, Docker, MongoDB, Spring Boot, Hibernate.

Certifications: [Certification in React](#)