

Awais Isane

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🐙 github.com/AwaisIsane

Experience

NEC Software Solutions

Associate Developer

Jun 2022 – Present

Mumbai, India

Hybrid Mobile Application :

- Developed a mobile application for Housing Management using Angular/Ionic framework.
- Developed cross-platform compatible user interface components utilizing Angular and Ionic frameworks, ensuring consistent functionality and appearance across Android, iOS, and web environments.
- Implemented rigorous testing practices through writing comprehensive unit tests, prioritizing code quality, readability, and maintaining a high standard of maintainability and minimal bugs throughout software development lifecycle.
- Improved app accessibility by implementing compatibility with various screen reading tools, enabling users with visual impairments to effectively utilize the application.
- Collaborated effectively with cross-functional teams, including developers, designers, and testers, to deliver projects within tight deadlines while adhering to industry best practices.
- Integrated third-party services, such as barcode scanners, into the application

Web Imaging Platform

- Contributed to the development of a robust web-based medical imaging platform using OHIF Viewer, integrating advanced visualization capabilities for seamless interaction with medical device data.
- Enhanced user interaction by adding various annotation tools, including rectangular and circular ROIs, lines, grids etc allowing precise identification and analysis of key areas within medical images.
- Leveraged WebGL technology to implement performance-enhancing functionalities for medical images, such as sharpening and histogram equalization filters, significantly reducing image rendering time.
- Worked with DICOM (Digital Imaging and Communications in Medicine) images, implementing methods to effectively consume and utilize medical image data within our application.

Education

Mumbai University

Bachelor of Science in Computer Science (CGPA: 7.41/ 10.00)

July 2018 – May 2022

Mumbai, India

Projects

Anime Face Generator | github.com/AwaisIsane/DC-GAN

- Developed an anime face generation application using DCGAN in Python and PyTorch. Preprocessed data, implemented DCGAN architecture, trained the model, and evaluated its performance Demonstrates skills in ML, CV, and software engineering, particularly in implementing and optimizing neural network architectures

Github Repository app | github.com/AwaisIsane/rate-repository-app

- Developed an app using GitHub API to rate repositories with React Native , nodejs , graphql implemented features like authentication, infinite scrolling, GraphQL, and pagination.

Full Stack Open | github.com/AwaisIsane/Full-Stack-Open-2020

- Completed Full Stack Open Course covering topics including React, Node.js, Express, CI/CD pipelines, databases, and integrated testing. Built multiple small projects throughout the course, demonstrating mastery of modern web development tools, practices, and workflows. link - <https://fullstackopen.com/en/about/>

Technical Skills

Languages: Typescript, javascript, python

Technologies: Angular ,React.js, Express.js, PyTorch, tailwind, Node.js,git,docker,sql

Certificates:-

Deep Learning Specialization <https://www.coursera.org/account/accomplishments/specialization/378AD7BYKRAH>