Abdulrahim Shaikh
Software Developer

Riyadh, Saudi Arabia
Nationality - **Indian (Transferable IQAMA Holder)**
Age: 22 (Birth date - 01 Sep 2001)
Phone: +966594951370
Email: abdul.rahim.shaikh.sa@gmail.com
Portfolio: https://abdulrahims.netlify.app/
LinkedIn: https://www.linkedin.com/in/abdulrahim-shaikh-a4689525a/
GitHub: https://github.com/sgtPepper109
Leetcode: https://leetcode.com/knight_32/

Summary

I am a software developer with experience in various programming languages, web technologies, and SDLC, and I am passionate about using my skills to create innovative and user-friendly applications. My professional journey includes roles at APSLOG Tech and C-DAC, where I demonstrated adaptability, problem-solving skills, hard-work , and a commitment to continuous learning.

Skills

Angular (latest), TypeScript, JavaScript, **HTML5, CSS3 (Responsive),** BootStrap, Tailwind CSS, PrimeNG, PrimeFlex, Angular Material, **Highcharts, Chart.js, Apache Echarts**

Java, Spring Boot, Spring Data JPA, Hibernate ORM

Database Systems, RDBMS, SQL, Microsoft SQL Server, MySQL, PostgreSQL, Oracle

Git, GitHub

REST, **RESTful APIs**, **HTTP**, JSON, SonarQube, Debugging

Python, Flask, Data Analysis, numpy, PySpark, pandas, matplotlib, scikit-learn

C++, Data Structures and Algorithms (DSA), Object Oriented Programming (OOP)

SDLC, Quick Learner, Adaptability, Hard Worker, Dedication, Problem-Solving, Teamwork

Internship Experience

JULY 2023 - PRESENT

APSLOG Tech, India- *Software Engineer*

JANUARY 2023 - JULY 2023

Centre for Development of Advanced Computing (C-DAC), Pune - *Software Engineer*

- Project Title: 'Web application design and implementation of Traffic Intensity Prediction and possible congestion treatment recommendation'
- Designed and developed a web application for predicting traffic intensity and recommending congestion treatment strategies.
- Strengthened proficiency in Angular - HTML, CSS, TypeScript, JavaScript, Java, Spring Boot, Data Science and Full Stack Development

- Strengthened proficiency in data analysis and web development through Software Development Lifecycle (SDLC) methodologies, ensuring seamless progression from requirements gathering through design, development, testing, deployment, and maintenance phases.
- Demonstrated expertise in Data analysis, full-stack development, problem solving, data structures, machine learning, and research domains
- Employed version control systems like Git for collaborative development, managing codebase changes, and ensuring project integrity.
- Expanded knowledge of server-side development, mastering concepts such as routing, middleware, and authentication strategies.
- Analysed and displayed various kinds of plots and statistics with the use of Echarts, Highcharts and Tableau on the web app.
- Acquired project management, documentation, plan skills through daily constant mentoring from senior technical officers
- Executed software testing and proficiently managed code during the development process
- Cultivated a mindset of adaptability and continuous learning in a fast-paced, evolving technology landscape.
- Project Link: https://github.com/sgtPepper109/2023_MIT_PROJECT

JULY 2022 - JANUARY 2023

Centre for Development of Advanced Computing (C-DAC), Pune - *Lead R&D Intern*

- Project Title: ‘Roads extraction from Satellite Images using Deep Learning Techniques on HPC Platform’
- Implemented deep learning techniques and utilized high-performance computing HPC to successfully extract roads from satellite images, resolving a longstanding problem.
- Guided and supervised a team of interns to assist in the project's execution.
- Collaborated with the renowned CDAC PARAM supercomputer to conduct the project.
- Developed a comprehensive roads dataset, comprising images with corresponding masks.
- Authored a research paper exploring various algorithms dedicated to addressing the road extraction challenge.
- Python, numpy, pandas, matplotlib, scikit-learn, tensorflow, Research, python environments
- Attained an impressive accuracy rate of 97% in road extraction.
- Project Link: https://github.com/sgtPepper109/finalProject

JULY 2021 - SEPTEMBER 2021

JPMorgan & Chase Co. - *Software Engineering Virtual Intern - Programme*

- Interface with a stock price data feed
- Conducted competitor analysis and market research studies
- Assisted with the development of project plans and timelines
- Display data visually for traders
- Used JPMorgan Chase frameworks and tools
- Angular, TypeScript, API Development, Python, Data Analysis, etc.

Education

JULY 2019 - NOVEMBER 2023

MIT World Peace University, India - *Bachelor's Degree in Computer Science and Engineering*

CGPA: 8.61 / 10

Projects

Web Application Design and Implementation of Traffic Intensity Prediction.

- Angular, TypeScript, HTML, CSS, Java, Spring Boot, Python Flask, PySpark, numpy, pandas, matplotlib, sklearn, SQL, MySQL, ML

JWT Authentication Implementation with Spring Boot and Angular

- Angular, TypeScript, HTML, CSS, Java, Spring Boot

Online Web Chat Application.

- HTML, CSS, JavaScript, BootStrap, MySQL

Roads Extraction from Satellite Images using Deep Learning Techniques on HPC Platform

- Python, Data Analysis, Data Mining, Data Warehousing, Data Engineering, PySpark, numpy, pandas, matplotlib, sklearn, Leadership

Image Processing / Satellite Image Classification

- Python, Data Analysis, Data Modeling, Image Processing, Deep Learning, PySpark, numpy, pandas, matplotlib, sklearn

Publications

Decision-Tree-based Ensemble Learning Models for Long-Term Traffic Intensity Forecasting and Analysis of Congestion Treatment Strategies
International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC)

Satellite Image Classification with Deep Learning Model ResNet
Neural Computing and Applications (NCAA) - Springer

Achievements

140+ Leetcode Problems Solved

Programming / Typing Speed: 99 wpm (highest), 88 wpm (average)