Muhammad Ammar Ibrahim

27-E Awais Qarni Block, Bahria Town, Lahore
ibraheemsdk@outlook.com | +92-303-6547188
https://github.com/ammar-bay/ | https://www.linkedin.com/in/m-ammar-ibrahim/

EDUCATION

B.Sc. (Honors) from **Lahore University of Management Sciences**   Aug 2019-May 2023

Relevant Courses: Machine Learning, Data Structures, Advanced Programming, Data Science, Databases, FinTech, Probability and Statistics, Linear Algebra

EXPERIENCE

Freelancing (Upwork)   July 2022 - present
- Developed a Health Management System for ICE Clinic (Horizon Hospital)
- Developed an anonymous socializing Mobile Application (iOS and Android) on Flutter with features of messaging and groups.

AL-NAFI (Full Stack Developer)   Sept 2022 – March 2023
- Managed data through AWS Data Lake and provided analytics for better monitoring and decision making
- Developed and maintained a unified social media marketing web app.
- Developed different purpose Web3 Apps

Smodin (ML intern)   Nov 2022 - Feb 2023
- Built data pipelines to get labeled data for testing model accuracy.
- Fined-tuned curie model of OpenAI to classify questions and got an accuracy of 98%
- Scrapped different websites and preprocessed data to train and validate models.

Teaching Assistant (Computer Science Department at LUMS)   June 2021 - July 2021
- Tutored Computational and Problem Solving to 150+ students along with Dr. Junaid Haroon
- Collaborated with the teacher to devise and implement appropriate lab assignments aligning with the course outline.

PROJECTS

Unified Chat
- Developed a Social Media Management Tool to handle all the social media accounts (Facebook, WhatsApp, LinkedIn, Instagram) through a single platform.
- Hosted the Web App on AWS EC2 and the database on AWS RDS.

Medical
- Developed Health Management Web App for ICE Clinic at Horizon Hospital using MERN Stack
- Secured Web App from malicious attacks using HTTP-only cookies along with JWT

Blooming
- Developed an Ecommerce Website for an Office and Home Plants Retail Store using Next.js
- Developed Admin Dashboard for Product Management
- Set up Sanity Studio for Content Management

Codebook
- Developed an in-browser code editor and JSX compiler.
- Managed App State through Redux

SKILLS

- **Front-end**: React.js, Next.js, Redux.js, Tailwind CSS, Material-UI, TypeScript with React.js/Next.js
- **Back-end**: Node.js, Express.js, Mongoose.js, TypeScript with Express.js/ Node.js/Mongoose.js, Sequelize
- **Databases**: MongoDB, MySQL, PostgreSQL, Firebase, Sanity, AWS RDS

EXTRA CURRICULAR & INTERESTS

- Organized the Pheonix event of the Finance Society & Volunteered in the YLCSS event of Social Service Society
- Problem-Solving, Teaching, Watching documentaries, Community Service
- Sports (Badminton, Cricket, Table Tennis)

CERTIFICATIONS

- React and Typescript: Build a Portfolio Project (Udemy)
- Next.js & React - The Complete Guide (Udemy)Web Development Bootcamps (Udemy)