Mubeen Yousuf Palh

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github.com/mubeen-palh

Education

National University of Computer and Emerging Sciences- FAST, BS in Computer Science   Sept 2021 – May 2025
- CGPA: 3.35/4.0
- **Relevant Coursework:** Programming for Mobile Devices, Information Processing Techniques, Internet of Things (IoT), Software Project Management

Experience

Imperium Dynamics   April 2025 – June 2025
Software Engineer - Internship

- Built 3+ applications using Power Apps, including both Model-Driven and Canvas Apps, utilizing Microsoft Dataverse, Web Resources, Power FX, Business Rules and explored custom Plugins and Connectors to extend app functionality.
- Designed and automated 5+ sample workflows using Power Automate, integrated with Dataverse, Power Apps, and Approvals to demonstrate practical business process automation.

Preply   September 2022 – Present
International CS Tutor - Part Time

- Instructing programming to students from all over the world interested in pursuing careers in the tech industry.
- Taught 450+ lessons covering C++, Python, Data Structures, Algorithms, and OOP.

Code Interview Inc.   July 2024 – Aug 2024
Technical Assessment Developer - Internship - Full Time

- Developed 50+ role-specific questions for developers in React, Node.js, Python AI, PySpark, C++, and Java for their technical assessment software.
- Conducted unit testing of 40+ project-based question tests in React, Node.js, C++, Python, and PySpark to verify the accuracy of test cases.

Projects

Website Vulnerability Analysis Using AI (FYP1 - Present)   github.com/model
- Designed and implemented an AI-powered static code analysis tool using CodeBERT and Transformers that detects and prioritizes security vulnerabilities in React JS web apps, achieving 87% detection accuracy with significantly reduced false positives.
- Integrated the AI model with a React.js front-end via a Flask API to analyze the source code and detect OWASP Top 3 vulnerabilities.
- **Tools/Technologies**: Python, React JS, Transformers, CodeBERT, PyTorch, Flask

Event Management System   github.com/EventEase
- Developed a React Native app with dynamic data, event filters, favorites (Async Storage), and seamless navigation (Stack/Tab).
- Integrated Google Maps API, camera, gallery, push notifications, and Context API for enhanced user experience.
- **Tools/Technologies Used:** Bare React Native, Google Maps API

Student Management System   github.com/StudentSphere
- Built a cross-platform mobile app using Flutter, integrating SQLite for local storage and MySQL + PHP API (XAMPP) for backend operations to manage students, teachers, and courses.
- Implemented role-based features for students, teachers, and admins, including real-time attendance, marks updates, enrollment control, and alumni session booking.
- **Tools/Technologies**: Flutter, SQLite, XAMPP

Geometric Algorithm Visual Implementation   github.com/geometric-algo
- Performed algorithm analysis of Graham Scan and Quick Hull, visualizing total points and execution time.
- **Tools/Technologies:** Flutter

Skills

Professional Proficiency: C++, Python, React Native, Flutter, React JS, Node JS, Kotlin, Flask, Linux Bash, SQL, MongoDB, Github
Familiarity: .NET Core, Docker, Kubernetes

Awards and Certification

Deans List: National University of Computer and Emerging Sciences - FAST - Spring 2022
Certifications : Gold Badge in Problem Solving on Hackerrank and Completion of 400 Lesson On Preply