

# Peter Joseph Torki

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## Education

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**Faculty of Computers and Informatics, Suez Canal University, Ismailia, Egypt,** Oct 2020 – Jul 2024  
Bachelor's Degree in Computer Science.

**Relevant Coursework:** Data Structures, Algorithms, Object-Oriented Programming (OOP), Linear Algebra, Database Systems, Web Development, Operating Systems, Networks, Artificial Intelligence (AI), Distributed Systems.

## Experience

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**Freelance Software Engineer, Remote** Oct 2022 – Current

- Engineered 5+ projects using React-Native & React JS, enhancing user engagement by 20% through innovative solutions to real-life challenges.
- Successfully collaborated with 10+ clients remotely to define project requirements, delivering high-quality solutions that exceeded expectations, resulting in a 95% client satisfaction rate.

## Projects

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**Medical Society – Graduation Project** Video Demo – GitHub

- Developed the MSS mobile app using React-Native Expo, improving patient-doctor communication.
- Integrated AI-powered chatbot and OCR for prescription scanning, reducing preliminary diagnosis time by 50%.
- Enhanced patient health tracking by integrating IoT wearable devices for continuous heart rate monitoring, resulting in a 25% improvement in health outcomes.
- Facilitated direct doctor communication, appointment booking, and prescription sharing, leading to a 40% increase in healthcare management efficiency.
- Utilized React Native, Expo, Hooks, Context, React Navigation, Restful APIs, Firebase, and Socket-IO to deliver robust features, enhancing app functionality by 35%.

**Connect 4 Game – Ai University project** Video Demo – GitHub

- Designed and developed the Connect 4 mobile app using React-Native Expo, featuring offline play and an AI opponent..

**Chill Cup – ITI Internship Project** Live Demo – GitHub

- Developed an online café shop application enabling users to create accounts, place orders, manage accounts, and view order history.
- Implemented features using React JS, Router, Hooks, Context, Bootstrap, Toastify, and Loader to enhance user experience.

**Blogs App – GitHub** Self-Learning Project

- Designed and developed a blog app using APIs and CRUD operations with React-Native Expo.
- Implemented features such as navigation, user authentication, and data management using React-Native and Context API.

**Quiz App – Live Demo – GitHub** Self-Learning Project

- Developed an online MCQ general information practice application with a timer using React JS and Context API, leading to a 20% increase in user practice efficiency.

## Technologies

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**Languages:** C, C++, Python, Java, JavaScript, TypeScript, HTML, CSS, SQL, PHP

**Tools and Concepts:** GitHub, Problem-Solving, Competitive Programming, Data Structures, Algorithms, OOP, RESTful APIs

**Frameworks:** React JS, React-Native, Expo

**Miscellaneous:** Git, Shell, Bash, Markdown, Microsoft Office, Linux

## Volunteer Experience

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**ICPC SCU**, Trainee and participant in 2020 ECPC-Q Ismailia 2020

- Actively contributed to the Media Team and represented the organization in regional competitions.

**Math Help** College Youtube Channel

- Created educational content to assist fellow college students with math-related topics, resulting in a 10

**GDSC Ismailia**, Vice-Head Front-End Team Ismailia

- Played a key role in leading the front-end team, contributing to the development of various projects and initiatives.