Syeda Hafsa Anis

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EDUCATION

Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI)   KPK, Pakistan
Bachelors of Science in Computer Engineering (CGPA: 3.39 / 4.00)   *Sep. 2020 – May 2024*
- **Achievements**: 2 times on Dean's Honor List.
- **Relevant Coursework**: Data Structures and Algorithm, Object Oriented Programming, Database, Software Engineering, Operating Systems, Microprocessor Interfacing, Introduction to AI, Robotic Vision, Digital Image Processing, Data Science, Natural Language Processing, Computer Networking.

EXPERIENCE

Unikrew Solutions   Oct. 2024 – Present
Full Stack Developer   *Karachi, Pakistan*
- Worked on the front-end development of the flagship Cascade web application using React: built reusable component patterns, implemented routing and API integration, and improved performance, responsiveness, and accessibility across core flows.
- Built the digital onboarding app for Bank Al Baraka: translated Figma designs into production-ready Flutter screens, implemented multi-step KYC/OTP flows, integrated required SDKs/APIs, and optimized for a smooth user experience.

Sarmaaya Financials   Jun. 2024 – Oct. 2024
Backend Developer   *Islamabad, Pakistan*
- Utilized NodeJS and NestJS for the backend of a fintech application, ensuring scalable and efficient server-side operations.
- Created a package library in NestJs, improving the reusability of code across multiple projects.

Pakistan Civil Aviation Authority   Jun. 2023 – Aug. 2023
IT Department-Software Engineering Intern   *Karachi, Pakistan*
- Automated the Lost and Found Items System by developing over 3 modules of the website using the MERN stack.

PROJECTS

IntelliDent (Final Year Project) | *Python, Flask, React, Next, Tensorflow, Firebase*
- Collaborated with Aga Khan University Hospital to develop and launch a cutting-edge web application, facilitating orthodontics
- Modified deep learning models for teeth classification and segmentation using the dataset of 1000 OPGs

Book Blog | *MongoDB, Express.js, React, Node.js*
- Built a fully deployable website using MERN stack that allows users to create and publish personalized content on a blogging platform, consisting of 3+ pages.
- Developed a fully responsive website with a login/signup system

Gesture Controlled Snake Game | *Python, Tensorflow, OpenCV*
- Revamped the traditional snake game with gesture control using Machine Learning and a self-made dataset. It recognizes 4 hand gestures.

CERTIFICATES

- AWS Cloud Technical Essentials issued by Amazon Web Services
- Foundations of User Experience (UX) Design by Google

TECHNICAL SKILLS

Languages: Python, JavaScript, Dart, C/C++, PHP, SQL, HTML, CSS
Technologies: Flutter, React.js, Next.js, Nest.js, Node.js, Express.js, Flask, Django, Bootstrap, TailwindCSS, Tensorflow, PostgreSQL, Firebase, CassandraDB, MySQL, MongoDB, Rabbitmq, Redis
Developer Tools: Git, Github, Docker, AWS, Postman, Insomnia, OpenRefine