Abdolrahman Ghaedi

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🌐 mirana.design

Education

BACHELOR OF SCIENCE | GRADUATED IN 2021 | SHIRAZ UNIVERSITY
· Major: Computer Science
· GPA: 3.58/4
· Rank: Top 3 among fellow students
· Extracurricular activities: Designer & Developer of Iran's National Elites Foundation (59th group)

Experience

FULLSTACK SOLIDITY DEVELOPER | REMOTE |06/2021 – ON PROGRESS
· A Complete DEFI application including yield farming (getting rewards in exchange for liquidity providing), GameFi (play-to-earn blockchain games that offer economic incentives to players), and NFT marketplace (a platform to mint and trade NFTs)
· Involved in the development of smart contracts
· Connected the DAPP to multiple providers
· Communicated with the smart contracts using web3.js and improved the performance of the website by using Next.js on-demand image loading and dynamic rendering

FRONTEND DEVELOPER | REMOTE | 02/2021 – 04/2021
· A yield farming DAPP (getting rewards in exchange for liquidity providing) allows anyone to earn passive income using a decentralized ecosystem of "money legos" built on the Ethereum blockchain
· Renovated the UI by refactoring ReactJS and prioritized component modularity
· Internationalized the website using React-i18next
· Integrated Google analytics to track user information when they are visiting the website using react-ga

FRONTEND DEVELOPER | ETHARI LABS | 01/2021 – 02/2021
· A yield farming DAPP (getting rewards in exchange for liquidity providing) allows anyone to earn passive income using a decentralized ecosystem of "money legos" built on the Ethereum blockchain
· Co-designed and Converted PSD mockups into component-based code using ReactJS and Redux

SITE RELIABILITY ENGINEER | TAVALOD DOBARE NGO | 04/2020 – 12/2020
· A solution to auto-scale BBB (An open-source web conferencing system designed for online learning) virtual rooms
· Developed the cloud-native frontend for BBB
· Autoscaled the pool of BBB backends

ANDROID DEVELOPER | SHIRAZ UNIVERSITY OF MEDICAL SCIENCES | 03/2020 – 12/2020
· An application to automate the process of configuring and connecting to android's built-in VPN client using accessibility service

- Fetched users' data from the dedicated website to help them to monitor their data usage
- Designed and Developed the UI based on Material Design
- Maintained and updated the code for legacy Android devices

FULLSTACK DEVELOPER | IRAN'S NATIONAL ELITES FOUNDATION | 12/2019 – 09/2020
- A medical structured reporting system to help radiologists to generate machine-readable data, increase their report consistency, and accelerate the acquisition of actionable data using intuitive reporting by dictating their findings to the voice assistant
- Mocked up and prototyped the UX design using Adobe XD & converted the prototype into ReactJS
- Co-built voice assistant giving voice-enabled navigation through our interface
- Utilized MVC architecture using Flask and Flask Blueprints
- Implemented git-based workflow on an agile team

FULLSTACK DEVELOPER | DANYAL SCHOOL | 08/2019 – 06/2020
- A role-based school management system to handle different functions, including course creation, scheduling, enrollment, and reporting as well as many other work-flow automation tasks
- Wireframed and prototyped the UX using Adobe XD
- Turned the prototype into reusable components by customizing Material UI components to increase efficiency and integrated those components using ReactJS
- Architected database and RESTful API via PSQL and Flask

Skills & Abilities

PROGRAMMING LANGAGES

		WEB DEVELOPMENT		
·PYTHON	·JAVASCRIPT	·HTML	·REACT	·NODE.JS
·C/C++	·JAVA	·CSS	·FLASK	·REDUX
·GO	·PHP	·JQUERY	·DJANGO	·NEXT.JS
·X86 ASSEMBLY	·ELIXIR	·JAVASCRIPT	·EXPRESS.JS	·TYPESCRIPT

DEVOPS		**COLLABORATION**	**MOBILE DEV**	**WEB3**
·ANSIBLE	·DOCKER	·GIT	·ANDROID	·SOLIDITY
·KUBERNETES	·HELM	·GITHUB	·FLUTTER	·WEB3.JS
·TRRAFORM	·ARGOCD	·GITLAB	·REACT NATIVE	·ETHER.JS

WIREFRAMING	**DATABASE**	
·ADOBE XD	·SQL	·PSQL
·FIGMA	·MYSQL	·MONGO

Publications

APPLICATION OF DEEP LEARNING IN GENERATING STRUCTURED RADIOLOGY REPORTS: A TRANSFORMER-BASED TECHNIQUE |11/2021 | SUBMITTED
- Author list: Seyed Alireza Moezzi; Abdolrahman Ghaedi; Mojdeh Rahmanian; Seyedeh Zahra Mousavi; Ashkan Sami

Teaching Experience

UNDERGRADUATE LINEAR ALGEBRA | 2020 | SHIRAZ UNIVERSITY

· Mentored a core of 40+ students for 1 semester.
· Designed homework assignments

UNDERGRADUATE NUMERICAL ANALYSIS | 2020 | SHIRAZ UNIVERSITY

· Mentored a core of 30+ students for 1 semester.
· Designed homework assignments