Zeyana Musthafa

Software Developer

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Passionate about education and improving how students learn. Thrives on solving challenging problems and uncovering innovative solutions. Eye for design and creating beautiful things. Excel both as an independent worker and in a team, valuing clear communication and adaptability

Education

University of California, Berkeley
B.A. Computer Science
GPA: 3.7
2016-2019

Skills

Hybrid Moible App
React Native, Flutter

Native Mobile App
Swift, Java, Xcode, Android Studio

Web Development
React, HTML, CSS, JavaScript, Node.js

Game development
Unity, C#, Blender

Other Languages
Python, C, Ruby, SQL

Design, UI/UX
Adobe Illustrator and XD, Canva

Work Experience

Software Developer at Rayyan Systems, Inc   Sept 2023 - present
TypeScript, PostgreSQL
- Wrote comprehensive integration tests for all backend endpoints interfacing with the database

Educational Math Games   Jan 2020 - present
Unity, C#
- Independently conceptualized and developed a portfolio of 20 educational games designed to teach middle school math concepts and skills, encompassing topics like place value, fractions, negative numbers, mental math
- Diversified game genres for engaging learning experiences, spanning platformer, RPG, casual, etc
- Integrated a wide array of features across the games, including quest and dialogue systems, level and environment design, input handling, player movement, animations, sound and UI

Software Developer at PTW Design and Development   Feb 2019 - Jan 2020
Java, Swift
- Developed native iOS and Android mobile apps that enable visually impaired and physically disabled users to operate phones using a specialized hardware controller
- Implemented essential phone features within the app, such as messaging, calling, maps, a music player, and YouTube, all compatible with the hardware controller

Freelance Projects

Mmark App   Oct - Nov 2022
Flutter, Dart
- Rescued a stagnant internal mobile app for a sales company, leading to a successful launch of the app after a year-long stall
- Resolved core location tracking feature issues, ensuring accurate employee location routes

County Voting App   Nov - Dec 2020
React Native, React, JavaScript, CSS, Firebase
- Developed a cross-platform mobile app for a voter management tool
- Created an internal React site to facilitate the client's upload of voter data

Teaching

Hybrid Development Course Instructor   Dec - Jan 2021, Dec 2023
React Native, JavaScript, TypeScript, CSS
- Developed and instructed a live, online Hybrid App Development course at Stockton Technical Institute in Sweden, teaching two cohorts of 20 students each

Comuter Science Tutor at Mentu   Mar 2019 - May 2020
- Provided one-on-one coding instruction to high school students in Java, Python and Unity

Think Like A Programmer Course   July 2018
- Developed an online course to teach computational thinking, with over 1000 students enrolled

Middle School Tutor   2015, 2017, 2023
- Provided individualized tutoring in Math, English and Science for middle school students