

HAMZA SAJID

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A multi-talented computer scientist, excelling in software development, looking for an aspiring career in Information Technology.

Education

National University of Sciences and Technology, Islamabad (Pakistan)

Bachelors of Science in Computer Science (2013 - 2017)

Fundamentals of Computer Programming, Object Oriented Programming, Data Structures and Algorithms, Web Engineering, Database Management Systems, Network Security, Digital Image Processing.

Skills And Competences

Web Development: HTML, CSS, Bootstrap, Javascript (jQuery, Reactjs, Redux, ElectronJs), AMP

Mobile Development: React-Native (IOS, Android)

Desktop Development: ElectronJs

Server-side Development: Nodejs (Express.js), Python, PHP, Firebase

Database Development: MySQL, MSSQL, MongoDB

Version Control/Project Management: Git, Bitbucket, Sourcetree, Jira, Asana

Experience

Roomy Pakistan (roomy.pk) - Software Engineer (Front-End Development lead)

August 2018 - PRESENT

- Responsible for developing Cross-platform applications using the latest JavaScript frameworks and Optimizing them for maximum performance across a vast array of web-capable devices and browsers, while also ensuring that these components and the overall applications are robust and easy to maintain.
- My Projects involve Reactjs/redux based web Applications, React-Native/redux based Mobile Applications for iOS and Android and ElectronJS based Desktop applications, which also involves writing complex SQL queries. These apps communicate with servers using REST APIs written in PHP and NodeJs. Databases used for these projects are MySQL and Firebase database.
- Also involved in integration of APIs such as OAuth, Google Analytics, Firebase, deep linking, Payment Gateways, Facebook Chat and many more for various use cases.
- **Tech Stack:** ReactJs, React Native, Redux ElectronJs, Bootstrap, PHP, NodeJs, Firebase, SQL

Simplicity Labs - Software Engineer

September 2017 - June 2018

- Responsible for Developing and maintaining web-based applications for “Smart Transportation” for regulation, management and to control the flow of crowd and traffic.
- Programing languages/Tools involved were Bootstrap, JQuery, PHP, MySQL

Freelance Consulting Projects:

- Terra Santa Memorial Service: (terrasanta.com.au)

Web platform to manage memorial services. Users can add,manage and View obituaries and crypts and locate those crypts on a specially designed map.

(Bootstrap, JQuery, Firebase)

- Sadat Developers (sadatdevelopers.com)
- Evenstar Enterprise (evenstar.com.pk)

Certifications / Courses:

- React - The Complete Guide (*Udemy - Academind by Maximilian Schwarzmüller*)
- React Native - The Practical Guide (*Udemy - Academind by Maximilian Schwarzmüller*)
udemy.com/user/hamza-3528/

Undergraduate projects:

- Access control system for safe city:

Website based Access control system for logging, monitoring, tracking and anomaly detection of entries and exits of users in a closed vicinity.

(Bootstrap, JavaScript, NodeJS, MongoDB, RFID)

- Car Registration plate recognition system

Registration plate extraction and recognition using OpenCV and KNN classifier for character recognition via OCR.

(Python, Image Processing, Machine Learning)

- Hostel Management System

Web application for University's Hostel Management System.

(Bootstrap, JavaScript, PHP and MySQL)