

HAMZA SHAHAB

SOFTWARE ENGINEER

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CAREER OBJECTIVE

A Software Engineer proficient at writing clean and manageable code, along with good communication skills and possessing the ability to work brilliantly in team.

EXPERIENCE

MARCH 27TH, 2020 – PRESENT

FULL STACK WEB DEVELOPER, ZENVEUS

Worked as a part-time full-stack web developer
Served as a team lead on some projects
Managed projects based on ReactJS and NodeJS (MERN Stack)

FEBRUARY 17TH – APRIL 15TH, 2020

WEB DEVELOPER, NEUROCOMPUTATION LAB, NCAI | NEDUET

Maintaining the backend and databases of the lab's research projects
Designing the front end of the projects plus regular refactoring of the code-base

SEPTEMBER 2ND – OCTOBER 4TH, 2019

GRAPHICS DESIGNER, NED ACADEMY, NEDUET

Designing logos, banners, posters, pamphlets for the organization
Maintaining the graphical content and designing of <https://academy.neduet.edu.pk/>

EDUCATION

OCTOBER 2018 – PRESENT

B.E IN SOFTWARE ENGINEERING, NED UNIVERSITY OF ENGINEERING AND TECHNOLOGY

CGPA: 3.95 out of 4.0

Got **1st Position** in **NED Merit List** (Entry Test Admissions, 2018) with a score of 1079 out of 1100

AUGUST 2016 – MARCH 2018

INTERMEDIATE, PRE ENGINEERING, ADAMJEE GOVT. SCIENCE COLLEGE

Got 2nd Position in Intermediate Board, Karachi with a score of 90.1 %

MAY 2014 – MARCH 2016

MATRICULATION, COMPUTER SCIENCE, USMAN PUBLIC SCHOOL SYSTEM

Got 11th Position in Matric Board, Karachi with a score of 92 %

PROJECTS

BTRE | A REAL-ESTATE PROJECT

An e-commerce real-estate website built using **Django** framework and **Postgresql** as database

https://github.com/hamzashahab1610/btre_project

<https://glacial-inlet-75343.herokuapp.com/>

IOT BASED SMART HOME AUTOMATION USING RASPBERRY PI

Based on the raspberry pi 3b model, this project handles the automation of home appliances with a simple click from any part of the world.

https://www.linkedin.com/posts/hamzashahab1610_raspberrypi-innovation-automation-activity-6624418780833505280-G0U-

AL-SYED PSYCHIATRIC INSTITUTE

A healthcare static website, designed with the aim to provide the patients with a user-friendly experience, so that the patients can connect with the institute's doctors and gain knowledge regarding healthcare from the website's blogs and articles

<https://aspi.netlify.app/>

BEEPBEEP | DRIVING THEORY TEST PREPARATION

A web application built with the aim to provide authentic driving tests and quizzes which allow the users to practice mock theory tests

The users can prepare for theory driving tests by using this application

<https://beepbeep-web.web.app/>

HOSPITAL MANAGEMENT SYSTEM

A hospital management system built using **PHP** and **MySQL** hosted using **Wamp** server. A highly interactive system including the user and the admin modules.

HOTEL MANAGEMENT SYSTEM

It is a complete **HOTEL MANAGEMENT APPLICATION** programmed on **C#** using **MS VISUAL STUDIO**. Check-in and check-out can be done using this application

SKILLS

- Object Oriented Programming (OOP)
- Full Stack Web Developer (Vast experience relating Web-Applications and APIs)
- Comfortable in working with relational and non-relational databases e.g **MySQL, PostgreSQL, MongoDB**
- Profound knowledge of **Django** Framework
- Skilled in **React-Redux**
- Proficient in C/C++/C#/Python/JavaScript
- Skilled in **NodeJS** and **ExpressJS** backend
- Hands-on practice on **WordPress**
- Proficient in **MERN Stack**

CERTIFICATIONS

- The Fundamentals Of Digital Marketing | **Google Digital Garage**
- Learn **NumPy** Fundamentals | **Udemy** | November 2019
- Intermediate Python | **DataCamp** | January 2020
- The Complete Python 3 Course Beginner to Advanced | **Udemy** | November 3rd, 2019
- HTML CSS Certification Center | **Template Monster**
- Interns Program Batch 8 | **Interns Pakistan** | 7th October – 3rd November, 2019

ACTIVITIES

- Member of the **GitHub Archive Program** (Arctic code vault contributor)
- Have contributed to various open source projects
- Runner up in **SENTEC Virtual Quiz Competition, 2020**
- Attended **GOOGLE DevFest 2019** at **IBA City Campus, Karachi**
- Participated in **Speed Programming in AKSC, 2019 | UIT**
- Participated in **Speed Programming in SuperCom, 2019 | Bahria University**
- Member of the **Adamjee College Cricket Team**. Won the Man of The Match Award in **APL**
- Participated in **Speed Programming in SMEC, 2019 | SSUET**
- Participated in **Speed Programming in PROCOM, 2019 | FAST-NUCES**
- Participated in **Speed Programming in MPERC, SENTEC, 2019 | NEDUET**

SOCIAL WORK

- **Deputy Director** of **Team Graphics Design** at **ACM NEDUET Student Chapter**
- **Member** of **Team Web Design and Development, AI Club**
- Member of **Team Graphics** at **SENTEC, NED**