SAJIL SHAKYA

Web Developer / Engineer

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SUMMARY

Hardworking, self-motivated Full Stack Web Developer with an Engineering background. Experience building and designing full stack applications. Proven ability to analyze and recommend optimal application development strategies. Superb customer service and troubleshooting skills. Able to work efficiently both independently and as part of a team.

EDUCATION

Certificate on C#, SQL, Software Quality Assurance: May 2017
Cooper Union Albert Nerken School of Engineering, New York, NY

Bachelor of Engineering: June 2016
City College of New York, New York, NY

EXPERIENCE

Grow with Google MOBILE WEB DEVELOPMENT

12/17-current

Selective Challenge Scholarship. Nano-degree program. Focuses in new tech in mobile dev.

TTP NYC WEB DEVELOPMENT FELLOW

WDF @ GENERAL ASSEMBLY- 07/2017 to 10/2017

Highly selective, fulltime immersive in full stack web development offered in partnership with the NYC Tech Talent Pipeline. Curriculum in HTML, CSS, JavaScript, Node, Express, jQuery, React, SQL, Ruby on Rails, Github.

Biomedical Technician - *02/2017 - 07/2017*

☐ Install new biomedical equipment by establishing, adjusting, calibrating, and testing performance
☐ Maintain biomedical equipment by completing preventive maintenance schedules, conducting tests, following manufacturer's instructions, troubleshooting, and repairing.
☐ Call out for special service if required, scheduling appointments and evaluating service contracts
☐ Maintain safe and healthy working environment by conducting safety tests, recommending and complying with procedure, training and guiding medical and healthcare personel, and complying with codes
☐ Update job knowledge by participating in educational opportunities and maintaining personal networks.

PROJECTS

Web Development

Pantry app-app designed to find and save recipes which utilizes the food in your pantry. Tech used: React, Express/Node, Postgres SQL, Food2Fork API, HTML/CSS, Github.

Weather app - shows the local weather with the current, minimum and maximum temperatures, wind speed, humidity, Latitude, longitude. - Tech used: Open Weather api, JavaScript, jQuery, CSS, HTML

Snakes and Ladders a digital version of one of the most popular classic board game. **Tech used:** JavaScript, jQuery, HTML, CSS, Document Object Model.

Biomedical Engineering

The Handy Project - Developed and built a system to isolate, test and train supination of forearm. Programmed circuit to display, measure and store progress. Tested the device, following quality control, reliability, liability and regulations set by the FDA. Performed a complex statistical analysis while analyzing the quality, cost, and effectiveness of the device.

The Pulse Detector -Built a pulse detector using operational amplifiers and led lights that utilized commercially available sensors, op-amps, LED's, resistors and

SKILLS

☐ HTML ☐ CSS ☐ JavaScript ☐ Ruby ☐ Rails ☐C ☐C++ ☐C# ☐Node ☐React ☐SQL ☐jQuery ☐Matlab ☐Solidworks ☐AutoCAD ☐Adobe Photoshop ☐Adobe Pagemaker ☐Microsoft Office