Akshay Rajpurohit

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Technical Skills

Languages: Java, JavaScript, Python, C, C++, HTML/CSS
Technologies: Git, Docker
Frameworks/Libraries/Runtimes: Spring Boot, React.js, Node.js, Express.js, Bootstrap, Tailwind CSS
Databases: MySQL, PostgreSQL, Neo4j, MongoDB, InfluxDB

Experience

Auzmor   **July 2021 – Present**
Full Stack Developer   *Hyderabad, Telangana*

Freelancing   **May 2020 – Present**
Full Stack Developer   *Hyderabad, Telangana*

- Built a Psychometric Test Module for a client with React.js as the front-end and Node.js as the back-end, which sent emails containing the test results using Nodemailer and Google Cloud Platform. Also built a website using WordPress for the same client.
- Built a coupon management system for a client with React.js as front-end and PHP and MySQL as back-end. It was a CRUD project where users could easily add, delete and edit coupons, complete with validation and live feedback to prevent duplicate coupons from being added.
- Built a simple emailing command-line tool to bulk send certificates/documents as attachments to emails stored in JSON format.
- Built a section in a clients website where I added an open source calendar tool highlighting their events using the calendar.
- Built a section in my college club's website where I added a code editor to demonstrate solutions of questions of an event that we conducted.
- Built an info website for a client using Next.js and Tailwind CSS.

coding.Studio( );   **January 2020 - March 2021**
CP Executive   *Hyderabad, Telangana*

- Founded the CodeChef Campus Chapter in my college and and have been the President for the same since its inception in March 2020. As the President, I have had the opportunity to spearhead the various activities that we have conducted to promote the growth of CP culture in our college. As a result, there has been a considerable growth in the number of participants in monthly CP contests.
- Have held the position of Lead in Google Developer Student Club VBIT since August 2020. As the lead, I have promoted the use of Google Cloud Platform Products by enrolling people into the '30 Days of Google Cloud' programme.
- Participated In IEEEXtreme 2020 and scored an All India Rank of 16 and Global Rank of 280.

Projects

Remote Monitoring of Environmental Conditions with Telegram Responder Bot | *Python, C*   **April 2021**

- Developed a Raspberry Pi project that reads the values of sensors (Radiation, Temperature and Humidity) and relays the readings to InfluxDB deployed on an Azure VPS instance on the cloud.
- Used Skyhook Precision Location module to determine the geographical location without using a physical GPS module.
- Developed a Telegram Bot in Python that fetches data from the InfluxDB and sends a message to the user (Automatic alert messages and on-demand live sensor readings). Also added basic interactivity to the Bot.
- Deployed the Bot on the Azure VPS instance so that it is always live.

studyMap | *HTML, CSS, JavaScript*   **March 2019**

- Created a web-app that helps students prepare for their exams by generating a tailored exam-prep Time-table for them.
- Processed user inputted information (number of days left for the exam, subjects and their respective difficulty ratings) and generated a time-table using those input parameters and printed it out in a PDF format.

Education

Jawaharlal Nehru Technological University, Hyderabad   **Aug. 2017 – June 2021**
Bachelor of Technology in Electronics and Communication Engineerig   *7.4 CGPA*