KAILASH CHANDRA BHAKTA

ACADEMIC PROFILE

Degree/Certificate	Institution	Percentage/CGPA	Year
IDD	Bio-Medical Engineering IIT (BHU), Varanasi	7.46	2021
CBSE (XII)	JNV NABARANGPUR	77.80	2016
CBSE (X)	JNV NABARANGPUR	87.40	2014

SKILLS

- **Area of interest:** Web Development, Problem Solving
- **Skills:** Front-end Web Development, OOPs, Data Structure & Algorithm, UI/UX Design
- **Technologies:** JavaScript, Node.JS, React.JS, Redux, REST API, HTML, CSS, Bootstrap, JQuery, AdobeXD, Git & Github

INTERNSHIP/TRAINING

Crossoverlab Org   June'20 - Aug'20

Part of the web development team

- Worked on optimizing the UI/UX of the existed web application and wrote blogs and documentations.
- Worked on developing organization's web app using MERN stack from scratch for transformation.
- Language and tools used were Javascript, HTML, CSS, Node, React, MongoDB, Git.

PROJECTS

Echo-locating device for Visually impaired Person   jun'18 - Aug'18

- Developed a device using Arduino for visually impaired persons to help them get spatial awareness.
- HC-SR04 ultrasonic sensor and algorithm in C are implemented in Arduino for distance measurement.

Global COVID-19 statistics visualizer web application(Corona Tracker)   May'20 - Jul'20

- The objective was to spread awareness by visualizing global COVID-19 status.
- Technologies used were Material UI, ChartJS, React hooks, API data fetching (Axios) all in ReactJS.
- The data was fetched from an open-source API (John Hopkins University) and consumed using Axios.
- We created cards in react to display the statistics as well as charts for better UI and data visualisation.
- I have created line chart to visualize global data and bar chart to visualize country-specific updates.

Created a Restful API with Node.js Express & MongoDB   jun'20 - Aug'20

- I have built a simple blog post type API with all the useful methods (GET, POST, DELETE, PATCH).
- I have used Node.js as backend language and Express.js to create routes and middlewares.
- MongoDB together with mongoose was used to create schema and models to define looks of our data.
- Purpose of this project was to learn to decouple our backend code from the front end, so we can use it across multiple applications(mobile apps, web apps etc).

Developed a game using jQuery and JavaScript   Nov'20 - Dec'20

- I have developed a web-based, two player's game called "Connect-four".
- In a matrix of elements, players have to connect 4 adjacent elements first, to win.
- Here I have used JQuery for DOM manipulation and JavaScript for game logic implementation.
- The objective was to practice and demonstrate the use-cases/power of jQuery and JavaScript.

CERTIFIED COURSES

- **Full-stack Web Development with React (Specialization):** Coursera
- **Google Analytics:** Google Analytics Academy
- **Data and Specimen only Research:** CITI
- **Launching Breakthrough Technologies:** HarvardX

POSITION OF RESPONSIBILITY

Marketing Co-ordinator at the Google Startup Weekend 2018   Feb'17-Aug'18

- Worked for getting sponsorship from Businesses in Varanasi and managed the budget for refreshments.

HONOURS AND ACHIEVEMENTS

- **Second runners up in Modex'20 (Technex, IIT(BHU)):** Developed a web app for telemedicine.
- Selected delegate at **IITM-RWTH Entrepreneurship Summit'19** among PAN-India applicants.
- **Runners up in Escalate'17 (SNTC, IIT(BHU)):** Solved a case study to mitigate crop failure in India.
- **Completed Go Green in the City'18 as a regional finalist:** A global business case challenge.
- **Two times Mathematics exhibition regional finalist (year 2013 & 2014).**
- **Rajya Puraskar awardee for the year 2012 at The Bharat Scout and Guide.**

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