

Devansh Singh

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🐙 Github

ℝ⁶ Research Gate

Professional Experience

2023/02 – present
Gurgaon (Gurugram),
India

Software Developer 1 at Acciojob

- Did web-scraping using BeautifulSoup in Python for getting latest job postings of job portals and transferred that data to Google Sheet or a data store for further use.
- Created drag-drop Forms using Appsmith and writing js and sql-queries for organization internal works.
- Designed and developed web pages using cutting-edge technologies such as HTML, CSS, SCSS, React.js, Next.js to create visually appealing and user-friendly interfaces.
- Successfully Implemented pages like- Scholarship Test Page [🔗](#) using Next.js, HTML, and SCSS.
- Career Guidance Session Page [🔗](#) using Next.js, HTML, and SCSS.
- Took ownership of resolving a significant bug that involved rectifying callback request types within POST requests across multiple landing pages, enhancing overall application performance.
- Implemented a sophisticated logic for a code editor pop-up that displays warnings and deducts marks when students interact with the "Get Solution" and "Get Hints" features. Designed to guide students effectively while maintaining academic integrity.
- Developed a feature enabling users to select and run code within SQL questions' code editors, either through keyboard shortcuts or by clicking the "Run Code" button. If the submit button was pressed, the entire code was submitted, demonstrating efficient problem-solving capabilities.
- Pioneered the creation and deployment of an AI-powered educational bot, named AI-Tutor. This bot was instrumental in preparing students for job interviews and assignments by providing comprehensive tutorials covering all relevant topics. Students had the option to assess themselves and take tests after each tutorial.
- Collaborated with backend teams to integrate API calls, leveraging Axios, to retrieve job-card details, Tutor-session information, and facilitate real-time messaging within AI-Tutor.
- Demonstrated exceptional skills in managing asynchronous data, efficiently handling server-sent events, and rendering data chunks seamlessly. Leveraged Context API to manage and share states, ensuring smooth communication between components.
- Actively engaged with Event Source API, utilizing event handlers such as "onMessage," "onActive," and "onClose" to maintain robust communication and data synchronization.

Projects

Bars and Boxes [🔗](#)

GitHub Repository [🔗](#)

- 2-player Game website where the 2-players can play game sitting next to each other
- *CSS, React, MUI, React-Bootstrap.*
- New Game, Select Game type, About Game, Exit

- Player Scores, Player Chance, Winning Player, Active Bars and Squares, Button sounds on click

One-day-Non-Centres [↗](#)

Git Repository [↗](#)

- Website for viewing one-day courses all over India locations whether official centre or not by selecting states, cities.
- Performed Web Scraping using **Python** & automated scraping from VRI Page in **Pipedream Workflow** & sent data to **Firebase Firestore**
- Used **Next.js** for Frontend and **Firebase Firestore** as D.B. Integrated Firebase functions for getting data from backend.
- **SCSS** for CSS, **MUI Data GridPremium** for showing Data in Table.

2023/01 – 2023/02

Portfolio website with editable profile page and Landing page [↗](#)

Github repo [↗](#)

Work-Place [↗](#)

Git Repository [↗](#)

- Website for job seekers where in they can onboard & submit their basic details, apply for jobs, view applications.
- **CSS, React, MUI, Firestore Database, Firebase Authentication, Storage.**
- Employers on the other side can post jobs, accept or reject applicants.
- Sign-in, View jobs, Apply, Post a job, Accept, Reject Applicants.
- Upload Resume & store it on Cloud using Firebase, conversations.

Skills

DSA | Java | HTML | CSS | JavaScript | ● ● ● ● ●
Typescript | React JS | Git

Certificates

NPTEL Online Certification of Elite + Gold Medal in “The Joy of Computing using Python” [↗](#)
IIT Madras 2019

NPTEL Online Certification of Elite + Silver Medal in “Discrete Mathematics” [↗](#)
IIT Madras 2019

Publications

2020 **A334800, A337354, A337355, A338420, A340287, A337162, A334295, A333970, A333415, A330706, A342679, A343541, A001399, A338090, A337496, A258107, A337536, A338295** [↗](#)
Online Encyclopedia of Integer Sequences (O.E.I.S.)

2019 **“Representing k-parts Integer Partitions”** [↗](#)
Global Journal of Pure and Applied Mathematics

Education

2016 – 2020 **B.Tech. in Mechanical Engineering**
Lucknow, India *I.E.T. Lucknow*

Lucknow, India **12th**
Lucknow Public School

Courses

2022/03 **Full Stack Developer**
India *Acciojob.com*