Pranav Shanmukh Yellayi

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Education

BITS Pilani, Pilani Campus *Pilani, India*
MSc Physics + BE Mechanical *Aug 2019 - May 2024*

Work Experience

NirogGyan *New Delhi, India*
Full-Stack Developer *Jun 2022 - Nov 2022*

- Developed websites using React.js in the Front End and Node.js in the Back End, ensuring efficient and responsive user interfaces.
- Implemented **Smart Report** functionalities by rendering reports in PDF format using **puppeteer**, allowing easy understanding of the reports.
- Built the company **Brochure** from the ground up at NirogGyan, utilizing React.js to create a visually appealing and interactive digital brochure.
- Put into action many features such as **image and video carousel**, to provide a comprehensive understanding of NirogGyan's offerings to its probable clients.
- Introduced a **Graph feature** that visually presents the historical data of a specific patient's test results, enhancing readability and providing a clear overview of their progress over time.
- **Technical skills** : React.js, Node.js, Javascript

VenueMonk *New Delhi, India*
Back-End Developer *Jun 2021 - Jul 2021*

- Created robust APIs using Node.js for **zillskill.com**, facilitating seamless communication between the front-end and the back-end of the app.
- Built a highly efficient API that enables instant **rendering of test reports in PDF** format, helping students realize their abilities and traits.
- Integrated a **scheduled WhatsApp messaging** system to send timely reminders and notifications for upcoming workshop sessions.
- Constructed numerous efficient scripts using JavaScript language, utilizing MongoDB to facilitate bulk modifications within the database.
- **Technical skills** : Node.js, Javascript, MongoDB, Postman

Projects

Minesweeper *BITS Pilani*
Software Development *Jan 2023 - Jan 2023*

- Engineered a fully functional **Minesweeper** game utilizing JavaScript and Node.js as the primary framework.
- The game features three difficulty modes (beginner, medium, hard), wherein the playing area expands proportionately to the selected mode.
- The Minesweeper game that accepts input from the console, allowing players to specify the x and y coordinates to uncover the desired spot.
- Efficiently tracks and measures the duration of each minesweeper game, accurately recording the elapsed time from the beginning to the end.

PDF Parser *NirogGyan*
Software Development *Sep 2022 - Oct 2022*

- Designed a user-friendly UI, facilitating the **reading of health report pdf and extracting test results**, saving them in a JSON object.
- Each test from the Health Report Pdf was read and stored in a separate object, along with their test values, units and ranges.
- Utilized the JSON object to develop a smart health report, offering valuable insights and analysis for medical professionals and patients.
- Made use of various node modules from node.js and react.js to build a user friendly UI, facilitating a smooth rendering of smart reports.

Positions of Responsibilities

General Secretary *BITS Pilani*
Students' Union, BITS Pilani *Aug 2021 - Sep 2021*

- Elected to the esteemed position of **General Secretary** at BITS Pilani, and first ever as an Acting General Secretary
- Entrusted with the responsibility of advocating for the interests and welfare of more than **5500 students**.
- Accountable for overseeing and managing **all financial transactions** pertaining to students.
- Responsible for the meticulous handling of a substantial student fund exceeding **10+ crores** for taking initiatives towards student welfare.

Skills

Technical JavaScript, Python, C, HTML,CSS, Node.js, React.js
Softwares Postman, AWS, Git, MongoDB
Soft Skills Problem-solving, Documentation, Relationship Building, Adaptability, Strategic Thinking, Communication, Leadership