Rounak Ghosh

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EXPERIENCE

Associate Consultant **Jul 2023 – Present**
Arodek Technology Consultant Pvt Ltd *Kolkata, West Bengal, India*
- Received primary training on SAP ABAP.
- Proficient in Classical Reports, ALV Reports, Smartforms, Enhancements.

West Bengal Power Development Corporation Limited (WBPDCL) **Jul 2022 – Aug 2022**
Vocational Trainee *Bakreshwar, West Bengal, India*
- Operated 210MW simulator to start-up and shut down plant at Power Plant Simulator Training Institute.
- Explored major components of Power Station including Coal Handling Plant, Furnace, Mills, Boiler and Generator.

PROJECTS

Bloom - a social media site | *ReactJS, Express, NodeJS, MongoDB* | Jun 2023 **Code**
- Employees a login page where the user's data is saved in a database in MongoDB, also performs CRUD operations. It uses JWT for authentication and authorization.
- Uses React Hooks and Redux for state management, async operations are performed using redux-thunk.
- The backend is built using Express.js and Mongoose for database modeling. The webapp is built using RESTful APIs to perform all the requests made to access data.

Navic - an EV navigational site | *HTML, CSS, JavaScript, TomTom API* | Dec 2021 **Code** | **Website**
- Conceptualised a website envisioned for early adopters of electric vehicles to provide assistance.
- Users can safely route through places using the navigator feature without any range anxiety.
- Nearest charging stations can also be found and routed to as a mid-stop.

Sorting Visualizer | *HTML, CSS, JavaScript* | Jan 2023 **Code** | **Website**
- Visualized various sorting algorithms inside a UI built with VanilaJS.
- Demonstrated sorting with colored bars, and arranged ascending order.

Amazon Clone | *HTML, CSS, ReactJS, Firebase* | Aug 2022 **Code**
- Conceptualised a website envisioned for early adopters of electric vehicles to provide assistance.
- Users can safely route through places using the navigator feature without any range anxiety.
- Nearest charging stations can also be found and routed to as a mid-stop.

SKILLS

Languages: C++, Java, JavaScript, Python **Frameworks**: ReactJS, Node.js, Express.js
Dev Tools: Version control using Git **Databases**: SQL, MongoDB, Mongoose
Courseworks: The Complete 2023 Web Development Bootcamp - Udemy
: Introduction to Javascript: The Basics - Coursera
: Core Java - Internshala
: Problem Solving through Programming in C - NPTEL
: Developing Soft Skills and Personality - NPTEL

EDUCATION

Government College of Engineering and Textile Technology, Berhampore **Aug 2019 – June 2023**
Bachelor of Technology in Electrical Engineering | *CGPA: 9.26* *Berhampore, West Bengal, India*
Bidhan Chandra Institution **Apr 2018 – May 2019**
Higher Secondary Education | *Score: 77.2%* *Durgapur, West Bengal, India*
St. Xavier's School **Apr 2016 – Mar 2017**
Secondary Education | *Score: 86.33%* *Durgapur, West Bengal, India*

ACHIEVEMENTS

- Solved 100+ problems on LeetCode.
- 5 stars in Problem Solving, 5 stars in Java and 4 stars in C at HackerRank.
- Came 3rd in Designathon, a graphic design competition on Figma organised by BlueLearn.