Swayam Prakash Sahu

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EDUCATION

Institute of Technical Education and Research, SOA University
Bhubaneswar, Odisha
Bachelor of Technology in Computer Science, CGPA: 8.33/10
2020 – 2024

Kendriya Vidyalaya No.1
Bhubaneswar, Odisha
AISSCE, Central Board of Secondary Education, Percentage: 86.8
2020

INTERNSHIPS

Engineer Trainee Intern
Feb 2024 – Present
GyanSys
Bengaluru, Karnataka

- Completed intensive training in HTML, CSS, JavaScript, TypeScript, React, Angular, SQL, .NET, and unit testing methodologies.
- Developed a Full Stack **Blog website** using React.js, .NET Web API & SQL database.
  - ∗ **Key features:** Modal Implementation, Form Handling & Validation, API Integration, Error Handling, Dynamic Data Fetching, State Management, Routing Parameters & Conditional Rendering.
- Created a robust **Full Stack Blog** platform with Angular, .NET Web API, and SQL database.
  - ∗ **Key Features:** User subscriptions for blog updates, Categorized blog content, Authentication and authorization with JWT tokens, Role-based access control.
- **Employee Directory Application** using .NET MVC framework and SQL db. Utilized C#, HTML, CSS & Js.
  - ∗ **Key features:** Secure user authentication, Detailed employee profiles, Robust search/filter options, Role-based access controls for data security and privacy.

Frontend Developer Intern
Jun 2023 – Aug 2023
TimeChain Labs
Remote

- Designed and implemented a user-friendly Neucron swipe widget, enabling seamless and intuitive transactions.

PROJECTS

TuneTrek | *HTML, CSS, JavaScript, Bootstrap, React Js*

- Developed a **music web application**, that utilizes the **Spotify API** to allow users to explore and play music, with features such as search, pagination, playlist creation, error handling, and loading animations.
- Implemented a user-friendly interface with a responsive layout, incorporating Bootstrap and CSS for styling, and managed global state using a **Context API** and **React hooks** for efficient state management. Demonstrated proficiency in React, JavaScript, **API integration**, and UI/UX design.

Real Estate Price Prediction | *Python, Pandas, Matplotlib, Sklearn, HTML, CSS, JavaScript*

- Developed a **predictive model** using the Scikit-learn library and **Linear Regression** algorithm. Implemented a Python **Flask server** to serve **HTTP requests** and retrieve predictions from the trained model.
- Created a **dynamic website** using HTML, CSS, and JavaScript, allowing users to input property features such as square footage and number of bedrooms.

TECHNICAL SKILLS

Languages: Python, C, C#, SQL, HTML, CSS, SASS, JavaScript, TypeScript, React Js, Express Js, Angular
Developer Tools: Git, VS Code, Jupyter Notebook, SSMS, MongoDB, ASP.NET, POSTMAN, Docker, Kubernetes

ACHIEVEMENTS

- Postman API week challenge **Winner**(2023)
- **All India Rank 85** in NEO 2nd level among more than 10 thousand applicants(2021)
- Secured an **Zonal Rank 20** in National Cyber Olympiad conducted by Science Olympiad Foundation(2016)
- **HackerRank**: **5 star** in Python and Problem Solving; **Leetcode:** Solved **300+** problems
- Broadridge India Innovation Hackathon **Finalist**