AYUSH BARDHAN TRIPATHY

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EDUCATION

Bachelor of Technology in Computer Science and Engineering   CGPA: 9.36 (upto 2nd Semester)
Veer Surendra Sai University of Technology, Odisha   *2023 – 2027*

Intermediate   Grade: 91.2%
Guru Nanak Public School, Sambalpur   *2020 – 2022*

SKILLS SUMMARY

Languages: JavaScript, Node.js, C/C++, Python, HTML/CSS
Frameworks: React, Bootstrap, FastAPI, Express
Developer Tools & Others: Bash, Vim, Git, GitHub, Linux, VSCode
Databases: MySQL, MongoDB, SQLite,
Coursework: Data Structure and Algorithms, OOPs In C++, Database Engineering

EXPERIENCE

Junior Associate (Tech)   April 2024 - Present
Entrepreneurship Cell, VSSUT   *Sambalpur, Odisha*

- Actively volunteered and participated in the management and execution of E-Summit, organised by Entrepreneurship Cell.
- Developed and maintained frontend components using React, enhancing the digital presence of Entrepreneurship Cell.

PROJECTS

Learniverse   Link

- Implement API endpoints to communicate with the backend in Python and FastAPI.
- Create and linked SQLite database for data storage.
- Assisted in the development of frontend (specifically UI reactivity) in ReactJS.

TinyShaders   Link

- Designed a frontend React page to write and run in WebGL shaders.
- Used HTML canvas and WebGL to create a real-time shader engine in web.

Iceage Static Site Generator   Link

- Designed and implemented template and web page processing in Node.js.
- Integrated Liquid.js templating engine to process HTML files.
- Published the project on NPM for wider usage by community.

Open Git   Link

- Utilized React and Bootstrap to design a Git source control browser
- Communicated with GitHub through API

ACHIEVEMENTS

1. Secured first position at internal hackathon event of Techtronix, annual technical fest of ETC Society, VSSUT.
2. Selected as finalist with rank within Top 50 in Startup Yatra Odisha among 2000+ teams across Odisha.

CERTIFICATIONS

1. Back End Development and APIs from freeCodeCamp. Link
2. JavaScript Algorithms and Data Structures from freeCodeCamp. Link