

AYUSH BARDHAN TRIPATHY

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EDUCATION

Bachelor of Technology in Computer Science and Engineering

Veer Surendra Sai University of Technology, Odisha

CGPA: 9.36 (upto 2nd Semester)

2023 – 2027

Intermediate

Guru Nanak Public School, Sambalpur

Grade: 91.2%

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)

Entrepreneurship Cell, VSSUT

April 2024 - Present

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](#) [Source](#)

- 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](#) [Source](#)

- Designed a HTML/CSS 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

[NPM](#) [Source](#)

- 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 Tailwind to design a Git source code browser.
- Communicated with GitHub API to access source code and public other data hosted on GitHub platform.

ACHIEVEMENTS

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

CERTIFICATIONS

- Back End Development and APIs from freeCodeCamp. [Link](#)
- JavaScript Algorithms and Data Structures from freeCodeCamp. [Link](#)