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Aspiring Software Engineer

github.com/PGAditya2003

Objective

Aspiring Software Engineer seeking an internship opportunity to apply and eager to learn .

Education

National Institute of Technology, Raipur

Expected June 2026

Bachelor of Technology (BioTechnology)

Raipur, CG

- **Relevant Coursework:** Data Structures and Algorithms (Java), BioInformatics and DBMS, Advanced Algebra and Calculus , Teamwork and Leadership.

Experience

Team Shaurya

July 2023 – April 2025

Software Engineer Staff

Raipur, CG

- Completed and hosted live websites using **Node.js and Express**, and co-ordinated a team of 9
- Led a cross-functional team in implementing a new feature using **React and Express**, resulting in a cleaner and user-friendly design to increase user engagement

Water Treatment Plant

May 2024

Summer Internship

Bhatagaon, Raipur

- Gained hands-on experience in water treatment process, data analysis, and teamwork
- Evaluated plant performance, achieving a 98% reduction in contaminants

Projects

1.Pixels – Interactive Collage | MongoDB, React.js, Express.js, Node.js, TypeScript, Vercel, Render, Chakra

- Designed and developed a collaborative board where users can upload, view, and edit individual tiles in real time
- Implemented backend APIs for image compression , upload and retrieval, with user and timestamp metadata
- Managed stateful UI with Chakra UI for responsiveness and deployed full project live on Vercel

2.Samar & 3.Shaurya | 2 Frontend Websites (React.js, Tailwind CSS)

- Produced as part of Team SHAURYA in a team of 9 developers
- Live sites using Node.js , React.js , hosted on NETLIFY

4.Anime Battle Game | MongoDB, React.js, Express.js, Node.js, TypeScript, Chakra

Technical skills and Achievements

Languages: Java , Python , JavaScript , TypeScript , Rust , R , Shell , Git

Frontend: React , Angular , HTML/CSS

Backend: Spring Boot , Node.js , Express.js , Firebase

Data Skills: Power-BI, Tableau , SQL, MySQL , PostgreSQL , MongoDB , Excel

Tech stack Fluid : Focused on solving problems efficiently, regardless of the language or framework

Biotechnology: : PCR (Polymerase Chain Reaction) , Gel Electrophoresis (Agarose, SDS-PAGE) , Spectrophotometry (Nanodrop, UV-Vis) , Chromatography (HPLC, GC)

BioInformatics: Sequence Alignment (BLAST, ClustalW) , NCBI, Ensembl, UCSC Genome Browser

AI Skills:Prompt Engineering , OpenAI GPT / ChatGPT Integration , Hugging Face Transformers

Solved 415+ questions on LeetCode , strong foundation in Data Structures and Algorithms with Java

ElevateX Quiz Winner 2023 at NIT Raipur out of 238 contestants

Runner up at Tech Case Competition - 'Pitch the Peculier' 2024

Position of Responsibility

- Class Representative (CR), Biotechnology, Batch 2022–2026
- Led a team of 11 to create a short film(16 minutes) in 2nd semester
- Worked in a team of 9 as Web Developer in Team SHAURYA