

Priyanshukumar Choudhary

B.Tech | NIT Rourkela

Final year
Biomedical Engineering
Minor in Electronics and Comm.

Thakur Village, Kandivali (East)
Mumbai - 400101

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Education

2021-2025
B.TECH. IN BIOMEDICAL ENGG
Minor: Electronics and Comm.
NIT Rourkela
CGPA : 8.43/10 (Till 6th Sem)

2018-2020
INTERMEDIATE
Nirmala Junior College, Mumbai
Percentage: 74.3%

2008-2018
HIGH SCHOOL
M.L.R.T Gala Poiner English
School, Mumbai
Percentage: 90.20%

Links

Github: [priyanshuC123](#)
LinkedIn: [Priyanshu Choudhary](#)
Codeforces: [KNOCKHEAD](#)
Codechef: [knowcode11](#)
Gfg: [Priyanschoudhary100](#)

Skills

PROGRAMMING LANGUAGES
C, C++, Python, Javascript, SQL

SOFTWARE TOOLS/PACKAGES
Jupyter Notebook, VS Code, Git, Postman

LIBRARIES AND FRAMEWORKS
React, VueJS, Node.js, MongoDB, Express.js, Tailwind, Flask, FastAPI, Seaborn, Numpy, Pandas, Matplotlib

Relevant Courses

Data Structures Algorithms
Object Oriented Programming
Database Management System
Web Development
Operating Systems

Work Experience

MAR-JUNE 2024 **Software Developer Intern | AcquX** [Certificate](#)
- Developed dynamic email templates and a **RESTful FastAPI** endpoint for Email Verification and user registration workflow
- For User Invitations, I utilized **SMTP** mail services to dispatch verification emails to invited users, ensuring secure access
- Implemented an infinite scroll feature enhancing API call efficiency and user engagement, and developed the **Vue.js** and **Tailwind CSS**

MAY-JUNE 2023 **Data Science Intern | Queen Mary University of London** [Certificate](#)
- Utilized **EdgeSimPy** extensively to refine task migration strategies, aiming for robust energy conservation within edge computing environments
- Focused on reducing power inefficiencies in edge environments, harnessing cutting-edge algorithms for **efficient task handling and allocation**

Projects

MAY-2023 **CodeSeek | Search Engine for DSA Problems** [Link](#) | [Github](#)
- Developed a specialized DSA search platform, extracting **2500+** questions from Leetcode via BS4 and **Selenium** tools, enhancing user experience
- Implemented the **TF-IDF** algorithm to enhance search capabilities, further refined with the integration of **stemming** and **lemmatization** techniques
- Designed a dynamic web interface using **Flask**, complemented by a **Tailwind CSS**-driven responsive design framework for user-friendly accessibility

JULY-2024 **Smart Compare | Web Application** [Link](#) | [Github](#)
- Built a web tool to compare Amazon products using URLs, delivering comprehensive feature analysis to aid decision-making
- Utilized **React.js** for the frontend, ensuring a seamless user interface, and **Node.js** with a custom scraper API for backend requests
- Integrated **Gemini AI API** for data processing, enabling users to obtain detailed product comparisons and enhancing informed purchasing decisions

FEB-2023 **Foodie | A Recipe Web Application** [Github](#)
- Conceptualized and built a user-centric Recipe application, harnessing **React.js** for an unparalleled responsive, user-friendly interface
- Employed **MongoDB** for its robust data-handling capabilities, refining the process of dish storage and user-specific data extraction
- Crafted a reliable backend foundation using **Node.js** coupled with **Express**, ensuring swift and accurate request processing and data management

Achievements/Awards

OCT-2023 Authored the Paper title **EdgeAISim**
JULY-2023 Ranked **10th** with a percentile of **98.5** in EcoWizz Quiz by GLIM