

Tarun Kumar

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EDUCATION

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

B.TECH IN COMPUTER SCIENCE AND BUSINESS SYSTEMS (2021-25)
CGPA: 7.82 / 10.0

COURSEWORK

UNDERGRADUATE

- Cloud Computing With AWS
- Operating Systems
- Database Management System
- Computer network
- Software engineering
- Automata
- Object-Oriented Programming and System
- Data Structures and Algorithms

NPTL

- Data Science for Engineering: 🌐
- Artificial Intelligence: 🌐

SKILLS

PROGRAMMING LANGUAGES:

- Java • Python • Javascript • C • C++

FRON-TEND FRAMEWORKS:

- CSS • HTML • ReactJS • Bootstrap

BACK-END FRAMEWORKS:

- NodeJS • Express.js

STORAGE TECHNOLOGIES:

- MongoDB • SQL

LINKS

GitHub 📄 // [kumartarun5678](#)
LinkedIn 📄 // [tarun-kumar-44341322b](#)
PortFolio: 📄 [portfolio](#)
LeetCode: 📄 [kumartarun5678](#)
GeeksforGeeks: 📄 [kumartarun5678](#)

EXPERIENCE

INNOVACIO TECHNOLOGIES | SOFTWARE DEVELOPMENT

20 sep 2024 - Present | Remote

- Created a modular design system in Next.JS that integrates the development of landing pages and translation of page-facilitated collaboration with the design team, ensuring consistency and reducing development time by 80%.

GOOGLE DEVELOPER STUDENTS' CLUB HIT | MEMBER

Feb 2022 -Present | Kolkata, India

- Orchestrated coding competitions with advanced algorithmic problems, involving 50+ participants from different backgrounds; implemented feedback mechanisms that enhanced team collaboration and knowledge exchange, ultimately increasing event participation by 30%.

COLLEGETIPS.IN | ARTIFICIAL INTELLIGENCE

02 July 2024 to 17 Aug 2024 | Remote

- Drove a culture of curiosity within the team by initiating weekly knowledge-sharing sessions focused on A* algorithm.
- AO* algorithms; this initiative resulted in a 30% reduction in project delays.

INTERNSAVY |WEB DEVELOPMENT AND DESIGNING INTERN

1st July 2023 to 1 Aug 2023| Work From Home

- Constructed a responsive weather application combining HTML, CSS, JavaScript, and APIs. implemented a feature that allows users to save favorite locations, leading to an increase in user retention rates by 25%.

PROJECT(S)

DOCTOR'S APPOINTMENT | REACTJS |CSS | NODE.JS | EXPRESS.JS | MONGODB | (🌐 | 🔄)

- Created an innovative appointment scheduling system that allows patients to book directly with doctors post-registration and admin approval; drastically improved scheduling accuracy and reduced administrative errors by 60%.

RESEARCH

EXPLORING MULTIMODAL BIOMARKERS FOR AUTISM SPECTRUM DISORDER DIAGNOSIS | AI | ML | DL| MERN STACK

- Engineered a comprehensive data analysis framework utilizing 500+ MRI scan datasets and eye tracking metrics; accumulated the predictive process, resulting in a 30%
- Engineered robust tools for precise Autism Spectrum Dysfunction detection by merging ABIDE and Kaggle data, leading to a 50% reduction in misdiagnoses and a 25% improvement in treatment outcomes.

ACHIEVEMENTS

- India Innovets at IIT Khargpur, Kshitij 2023 : **selected for second round**
- Problem solved: **Leetcode :> 250**