

Sukhendu Sekhar Guria

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Education

Institute of Engineering and Management

Bachelor of Technology in Computer Science and Engineering
CGPA: 8.45

Kolkata, India

Nov 2020 - Jul 2024

Dhuliapur PS Bani Mandir

WBCHSE 10+2th standard:- 86 percentage
10th standard:- 77 percentage

India

Jan 2010 - June 2020

Internships

MeritSpace

Backend Developer Intern

July 2022 - Aug 2022

Virtual

- Engineered a scalable and secure backend architecture using Node.js and Express; optimized database queries and a remarkable 40% reduction in server response time, resulting in a 20% increase in user engagement.
- Designed and implemented a robust authentication and authorization system, which reduced unauthorized access attempts by 60%.
- Decreased bug resolution time by 15% through effective debugging, thorough testing, and meticulous code reviews.

CrowdOverflow Limited

Full Stack Web Developer Intern

Feb 2022 - Apr 2022

Virtual

- Contributed to the development of web-based software by working on both front-end and back-end development.
- Developed and integrated multiple functionalities, including authentication and authorization, leading to a significant 30% improvement in login and access control processes.
- Improved website speed by optimizing images and scripts, resulting in a better user experience.

Saksham: A Helping Hand Foundation

Web Developer Intern

Sep 2021 - Nov 2021

Virtual

- Integrated data from various back-end services and databases to improve application functionality and user experience.
- Successfully integrated 10+ APIs to enhance application functionality and improve user experience, resulting in enhanced application functionality and an improved user experience.
- Leveraged Node.js, Express, and MongoDB technologies to develop back-end systems that handled a 50% increase in user traffic while maintaining optimal performance and scalability.

Projects

Blockchain based voting system with face matching for eKYC verification

Github Link

Technology Used: Solidity, React.js, web3.js, Ethereum, Node.js, IPFS

- Designed and developed a secure and transparent voting system using Blockchain technology.
- Implemented eKYC verification process using facial recognition technology for secure user identification.

- Ensured each vote was anonymous and tamper-proof, with no possibility of duplicate voting.

Online Code compiler/Runner

Github Link

Technology Used: React.js, Node.js, MongoDB, Child process, Redis

- Built an online code compiler and runner that supports several programming languages, including C, C++, Java, and Python.
- The system allows users to write and test their code online, with instant feedback on any syntax errors or runtime issues.
- Includes a range of useful features, such as auto-indentation, auto-completion, and syntax highlighting to help users write code efficiently.

Online Blood-Bank Management System

Github Link

Technology Used: React.js, Node.js, MongoDB

- Provides a centralized platform for managing blood donations, inventory, and distribution.
- Enables users to search for blood donors and available blood supplies based on their location and blood type.
- Includes a secure and user-friendly interface for donors, blood banks, and hospitals to access and manage their accounts, view donation history, and schedule appointments for blood donations.

Skills

Programming Languages	Java, Javascript, C, C++, Python, Solidity, SQL, HTML, CSS
Frameworks	ReactJs, NextJs, TypeScript, NodeJs, ExpressJs, Tensorflow, Keras
Databases	MongoDB, NoSQL
Cloud Services	AWS, Digitalocean
Tools	GIT/GitHub, REST, Linux, Web3, Postman, Nginx, Docker

Certifications

Become a Blockchain Developer	<i>LinkedIn Learning</i>
AWS Cloud Practitioner Essentials	<i>Coursera</i>
IBM Machine Learning	<i>Coursera</i>
Introduction to Cybersecurity Tools & Cyber Attacks	<i>Coursera</i>
Getting Started with Competitive Programming	<i>NPTEL</i>
Data Structure and Algorithms using Java	<i>NPTEL</i>
Python for Data Science	<i>NPTEL</i>

Languages

English
Bengali
Hindi

Achievements

- Won the "Best Use of Twilio" category at an offline Major League Hacking event organized by IEM Kolkata with team Entropy Paradox.
- Victory in the Tezos track at the Web3 Init Online Hackathon.
- Selected as a contributor for GirlScript Summer of Code 2023