

Soumojit Ash



👤 28/04/2002

📍 Indian

📞 +91 70031 95623

✉️ soumojitash@gmail.com

👤 PROFILE

Highly skilled and motivated Lead Web3 Backend Developer with extensive expertise in designing and implementing backend solutions. Proven track record of successfully delivering complex projects on time and within budget. Committed to staying up-to-date with the latest technologies and trends in the industry. Seeking an opportunity to utilize my skills and experience to contribute to a dynamic organization's success.

📁 WORK EXPERIENCE

📅 12/2021 – PRESENT 📍 INDIA

Lead Web3 Backend Developer Oxytocin Venture Private Limited

- Developed and executed scalable backend solutions for Web3 applications, significantly improving overall performance and enhancing user satisfaction.
- Implemented a scalable Azure DevOps solution, automating deployment processes, resulting in enhanced performance and cost reduction.
- Created robust backends for Web3 staking, marketplace, and gaming platforms, ensuring seamless operations and optimal user experiences.
- Developed efficient Subgraphs to index blockchain data effectively, enabling streamlined data retrieval and analysis.
- Designed and constructed a discord bot with web3 integrations, effectively managing user roles and enhancing community engagement.
- Generated metadata and images for multiple NFT projects, contributing to their visual appeal and marketability.
- Collaborated closely with cross-functional

📁 WORK EXPERIENCE

teams, including front-end developers and product managers, to optimize user experiences, drive innovation, and seamlessly integrate front-end and backend systems.

📅 09/2021 – 09/2022 📍 KOLKATA, INDIA

Intern

Centre for Development of Advanced Computing

- Developed a state-of-the-art Air Quality Monitoring system by integrating multiple sensors to precisely measure various air parameters, including gas composition, humidity, temperature, and particle levels, enabling real-time assessment of air quality.
- Designed a customized PCB (Printed Circuit Board) for the air quality monitoring device, incorporating crucial features such as efficient power management and battery backup to ensure uninterrupted functionality.
- Implemented advanced techniques to optimize power consumption, resulting in a significantly extended battery life for prolonged monitoring periods.
- Established docker-based servers to efficiently collect data from endnodes and utilized timeseries database for seamless data storage.
- Utilized grafana to provide real-time visualization of the collected data.

📍 DELHI, INDIA

Backend Developer Predictram

- Developed and implemented integration code in the frontend to establish seamless communication with smart contracts for a SAAS application.

📍 55, Vidyasagar Sarani, Ghosh Para, Howrah 711227, India

🌐 www.soumojit.in

WORK EXPERIENCE

- Automated the extraction of stock and market-related data from various websites through the creation and execution of Python scripts.
- Employed innovative techniques to streamline the process and ensure the automatic retrieval of relevant information.

SKILLS

PROGRAMMING

Javascript	Professional
Typescript	Professional
Python	Professional
C++	Professional
Solidity	Limited
Java	Limited

DEVOPS & CLOUD

Docker	Professional
Kubernetes	Professional
Azure	Professional
Digital Ocean	Full
AWS	Limited
GCP	Limited



DATABASE

MongoDB	Professional
PostgressSQL	Professional
InfluxDB	Professional

WEB3

Ethers.js	Professional
Web3.js	Professional
Subgraph	Professional

EDUCATION

 07/2019 – 06/2022  CHINSURAH, INDIA

Computer Application | BCA Bengal School of Technology and Management

- Attained an exceptional CGPA of 9.77 in Computer Application studies
- Exhibited expertise in diverse computer applications through comprehensive coursework
- Employed problem-solving abilities to accomplish hands-on projects and assignments proficiently

EDUCATION

- Actively participated in discussions and debates, cultivating a stimulating and dynamic classroom atmosphere
- Collaborated effectively with peers to conceptualize and design a prototype of an Air Quality Monitoring System

 2017 – 2019  UTTARPARA, INDIA

Science | Higher Secondary Uttarpara Amarendra Vidyapith West Bengal Council of Higher Secondary Education

64%

 05/2017  RISHRA, INDIA

Secondary Mahesh Sri Ramakrishna Ashra Vivekananda Vidyalyay West Bengal Board of Secondary Education

83%

STRENGTHS

- # Technical expertise
- # Problem-solving skills
- # Leadership abilities
- # Communication skills
- # Project management

HOBBIES



Exploring
distant lands



Capturing
moments



Feeling the
music

AWARDS

Champion of Champions in MAKATHON 2020 (Team Technatorium)

<https://soumojit.in/docs/champion-of-champions-award.pdf>

- Achieved the prestigious title of "Champion of Champions" and secured 1st Prize in the Environment prototype category at The Makathon - 2020, held by Maulana Abul Kalam



AWARDS

Azad University of Technology, West Bengal.

- Developed an innovative Air monitoring system leveraging LoRa communication, resulting in significant recognition from industry experts and judges.
- Demonstrated exceptional proficiency and expertise, surpassing competitors and establishing a benchmark of excellence in the competition.
- Led Team Technatorium as the team leader, effectively coordinating and guiding collaborative efforts to successfully achieve project objectives.

First Overall in The Covitech Challenge Hackathon (Team Technatorium)

Superposition Calcutta

https://soumojit.in/docs/covitech_challenge.png

- Achieved first place in The Covitech Challenge Hackathon, a prestigious event organized by Superposition Calcutta in collaboration with Hoomans Of Calcutta.
- Spearheaded the development of a groundbreaking device that revolutionized attendance-taking by utilizing body temperature, eliminating the need for physical contact.
- Demonstrated exceptional problem-solving skills by innovating an efficient and touchless solution for attendance management.
- Garnered recognition for outstanding performance and contribution to the event, showcasing exceptional teamwork and technical expertise.

Winner Of HackerRank Event At Nirvana2.0

Department of Computer Application & Science, IEM

https://soumojit.in/docs/soumojit-ash-HackerRank_winner.pdf



SOCIAL MEDIA



@soumojit-ash



Soumojit28



CERTIFICATES

Python Data Structures

University of Michigan

coursera.org/verify/NH4YW2HMCJZK

Introduction to programming in C

NPTEL