

ASIM SK

☎ +91 9933672964 ✉ asimsk777@gmail.com 💻 [LeetCode](#) 📁 [Portfolio](#) [in LinkedIn](#) [GitHub](#)

Education

NEW HORIZON COLLEGE OF ENGINEERING

Master of Computer Application (MCA)— CGPA: 8.37

September 2021 - August 2023

Bangalore, Karnataka

THE UNIVERSITY OF BURDWAN

Bachelor of Computer Application (BCA)— CGPA: 6.54

June 2017 - October 2020

Burdwan, West Bengal

Projects

D-GDrive 3.0 🗄 | Solidity, React.js, Ethers.js, IPFS, Hardhat | 📺

November - December 2023

- Developed D-GDrive3.0, a **decentralized** file sharing **dApp** with **Solidity, React.js, Hardhat, and Ether.js**.
- Integrated **Pinanta** platform for efficient data handling with **IPFS**, improving retrieval speed.
- Intricate **Solidity Smart Contracts** within D-GDrive3.0, enabling decentralized, transactions and seamless file sharing.

Seamless CI/CD Automation 🗄 | Kubernetes, Jenkins, EC2

September 2023

- **Jenkins** automated CI/CD for Java apps minimized errors and boosting overall efficiency.
- Enhanced SDLC by integrating key stages: Build, Code Analysis, **Testing, SAST, DAST** and **Docker** Image creation, significantly reduced bugs.
- Deployed applications on **Kubernetes** with **Argo CD**, slashing deployment time and enhancing scalability.
- By incorporating **Agile Methodology**, these stages were progressively designed and configured, resulting in a more Efficient and Reliable software delivery process.

Buy Me a Chai 🗄 | React.js, JavaScript, Solidity, Metamask | ➡

April - May 2024

- Conceptualized and developed "Buy Me a Chai" leveraging **Web3** technology to revolutionize creator support.
- Established community governance and automated processes, fostering a thriving ecosystem where creativity and contributions are paramount.
- Implemented decentralized, transparent cryptocurrency donations via **Ethereum** smart contracts.

Cloud Cost Optimization 🗄 | AWS, EC2, EBS, S3, Lambda

July 2023

- Use the Combination of AWS **CloudWatch & Lambda** functions to decrease the cloud cost.
- Watch any unused **EBS snapshots** and either delete them or send out notification to the snapshot owner.
- Implemented AWS Lambda with boto3 for API interaction, triggered by CloudWatch events, boosting agility and reducing response time.

Technical Skills

Languages: Java, Solidity, JavaScript, Shell Scripting, SQL

Web Development: React.js, HTML5, CSS3

Frameworks: Node.js, Express.js, Tailwind CSS, Socket.IO, Hardhat

Database: MySQL, MongoDB, Redis, IPFS, Prisma (ORM), Mongoose(ODM)

Technologies: Kubernetes, REST API, Amazon Web Services(AWS), Nginx, Kafka, Serverless, Linux

Tools: Docker, Jenkins, Grafana, GitHub, Postman

Achievements

CODING PROFILE

- 50 Days Badge 2024 on **Leetcode** 🗄
- Total **450+** Problem Solved

RESEARCH PAPER | IEEE 🗄

May 2023

- V. Asha, A. P. Nirmala, B. Saju, **Asim Sk** and A. K. Das, "**Role of Blockchain Technology in Healthcare**" 2023 International Conference on Sustainable Computing and Data Communication Systems (ICSCDS), Erode, India, 2023, pp. 370-374, doi: 10.1109/ICSCDS56580.2023.10104832.

Certificates

AWS Cloud Practitioner 🗄

March 2023 - March 2026