DWAIPAYAN DEHURY

Rourkela, Odisha

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Education

National Institute of Technology, Rourkela   November 2021 - June 2025
Bachelor of Technology in Computer Science and Engineering (CGPA: 8.2/10)   *Odisha, India*

- **Relevant Courses**: Data Structures and Algorithms, Database Management Systems, Object-Oriented Programming, Operating Systems, Computer Networks, System Design, Distributed Systems

ODM Public School, Bhubaneshwar   April 2019 - June 2021
Senior Secondary (Percentage 92.60)   *CBSE exam, India*

Ispat English Medium School, Rourkela   April 2009 - April 2019
Matriculation (Percentage 95.60)   *ICSE exam, India*

Work Experience

BNY Mellon   Jan–Jun 2025
Winter Intern - Backend Developer   *Java, Spring Boot, MongoDB*

- Built Spring Boot batch processor for financial data sync, improving freshness by 40%
- Worked with Account Eligibilities team to reduce processing errors by 25%

BNY Mellon   May–Jul 2024
Full Stack Developer   *Java, Spring Boot, Angular*

- Optimized NETX360+ microservices, reducing latency and improving functionality
- Enhanced Angular UIs, boosting user retention by 20%

Projects

ZK Mask P2P | *Solidity, React JS, Zero Knowledge Proofs, DeFi* | Submission-Link | Github-Link | Demo   **June 2024**

- Engineered a P2P payment platform using **Zero-Knowledge Proofs**, ensuring complete transaction anonymity, increasing user privacy by 30%.

FraxSurance | *Solidity, React, ChainLink, Truflation, FRAX* | Submission-Link | Github-Link | Demo   **June 2023**

- Developed a **blockchain-based insurance platform**, utilizing **DeFi**, **NFTs**, and **Frax Stable Coin**, reducing premium discrepancies by 25% through real-time, inflation-adjusted coverage.

Achievements

- Awarded **1st prize** in the **Privacy category** at **V0rtex01 Scroll Hackathon** for creating **ZK Mask P2P** ($2200). Mention Link
- Secured **2nd prize** in the **Consumer Adoption category** at **FraxBuild Hackathon 2023** for **FraxSurance** ($3500). Mention Link
- Achieved **Truflation 2nd prize** at **Chainlink Spring Hackathon 2023** for **InsureShield** ($4000). Submission Link
- Received **Axelar 3rd prize** at **FVM Dataverse Hack** for **DARO** ($2000). Submission Link
- Awarded **Best Beginners Project** at **Hackodisha 2.0**, an **MLH hackathon** (Rs. 1000). Certificate Link
- Achieved **Codeforces-** Maximum Rating: **1500, Specialist**. Ranked 784 out of 11,400 in Codeforces Round 873 (Div. 2). Profile Link
- Qualified **National Talent Search Examination**, ranking in the top 1000 out of 1,000,000 students in India.

Technical Skills

Languages: C++, JavaScript, TypeScript, Java, Solidity, SQL
Technologies/Frameworks/Libraries: Spring Boot, Angular, React.js, Ethers.js, Web3.js, Truffle, Hardhat, Docker
Soft Skills: Problem-Solving, Teamwork, Leadership, Communication, Time Management, Adaptability, Critical Thinking

Extra Curricular Activities

Technical Member of **Algorithmic and Programming Society**, official coding club of NIT Rourkela. Conducted workshops and mentored juniors in Data Structures and Algorithms.