

KALINGA ABHISEK

Bhubaneswar, Odisha

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EDUCATION

Siksha 'O' Anusandhan University

Bachelor of Technology in Computer Science, CGPA: 8.83

November 2020 – June 2024

Bhubaneswar, Odisha

DAV Public School Chandrasekharpur

Higher Secondary Education, Percentage: 87%

April 2019 – March 2020

Bhubaneswar, Odisha

WORK EXPERIENCE

TraceLink

Software Engineer Intern

March 2024 – Ongoing

Pune, India

- Conducted rigorous UI testing on Life Science Cloud (LSC) platform for various applications including SNX, SNM and PIE.
- Designed and developed user interface for Audit Trail Records in Opus, ensuring compliance with industry standards.
- Integrated GraphQL API queries with frontend for seamless data retrieval.
- Maintained adherence to industry-standard coding practices throughout development process.

Autodesk 

Software Engineer Intern

July 2023 – December 2023

Pune, India

- Collaborated with cross-functional team to enhance Fusion 360 and Fusion Teams.
- Developed new features using React and TypeScript which improved user experience.
- Optimized and fixed unit test cases and integration test cases with Jest which improved performance and accuracy.
- Optimized Fusion Teams performance by 15%, employing strategic enhancements and efficient coding practices.
- Participated in code reviews and contributed to the software development life cycle.

ACHIEVEMENTS

- Secured **Global Rank 197** in [CodeChef](#) Starters 72 Division 3 (Rated)
- Secured **Global Rank 2513** and **All India Rank 919** Google HashCode 2022. 
- Secured **Global Rank 3951** in Google KickStart Round B 2022. 
- Secured **Global Rank 4780** in Google CodeJam Round 1C 2022. 
- Secured **Global Rank 2609** and **All India Rank 592** in [LeetCode](#) Weekly Contest 347.

PROJECTS

Smart Women Security System | *Raspberry Pi 3B+, SIM 900 GSM, NEO-7M GPS, Blynk Interface*

January 2024

- Integrated functionality to send emergency SMS messages containing precise latitude and longitude coordinates, accompanied by a Google Maps location URL for quick assistance.
- Implemented a panic button feature through Blynk interface for immediate distress signaling.
- Created an HTTP web server to enable remote access and control of the panic button functionality.
- Ensured seamless integration of hardware components and software functionality for enhanced user safety.

URL Shortener | *React, Material UI, Date-Fns, Firebase, Firestore, React-Router*

December 2023

- Developed a user-authenticated URL shortener using Firebase, ensuring secure access to personalized accounts.
- Developed a feature enabling users to create personalized back half URLs, allowing for user customization in short links.
- Optimized the shortening process for efficiency, reducing load times and enhancing overall system performance.
- Integrated the number of clicks for each shortened URL, providing valuable insights into user engagement.

TECHNICAL SKILLS

Languages: HTML, CSS, Java (OOPs), JavaScript

Libraries/Frameworks: React.js, Node.js, Express.js, TypeScript, MongoDB, Material UI, Bootstrap, jQuery, Jest

Developer Tools: GitHub, Visual Studio Code, Eclipse, IntelliJ, Firebase

Core Concepts: Operating System, Database Management System

LEADERSHIP / EXTRACURRICULAR

Google Developer Student Clubs

August 2022 – August 2023

Coding Lead

Siksha 'O' Anusandhan University

- Taught Java Basics to a diverse group of **100+** students, imparting fundamental programming concepts and skills.
- Learned valuable insights and perspectives from the students, enriching my teaching approach and deepening my understanding of Java.

CERTIFICATIONS

- 30 days Google Cloud Challenge conducted by GDSC ITER, SOA. [!\[\]\(c6a8736a601a632e2c96605cf66055ed_img.jpg\)](#)