

ANISHA BIRLA

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Education

Kalinga Institute of Industrial Technology

Btech in Computer Science

Sept 2021 - May-2025

Bhubaneswar, Odisha

Relevant Coursework: Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks

Experience

PalTech | SQL, Spark, Data Warehouse, Power BI [Visit Website](#)

Jul 2025 - Dec 2025

Role - **Trainee Software Engineer** (Data Engineering) - Full time

Hyderabad, India

- Designed and optimized **SQL queries for large relational datasets**, improving data retrieval efficiency and query reliability.
- Built dimensional data models (Star & Snowflake schemas)** to support analytics and reporting use cases.
- Ensured data consistency and integrity across warehouse layers consumed by **Power BI dashboards**.

PSDC | Angular, Node.js, MongoDB, Razorpay, AWS [Visit Website](#)

May 2025 - Jun 2025

Role - **Full Stack Developer** - Full Time

Pune, India

- Worked at an **education-focused** startup building scalable full-stack solutions using Angular and Node.js.
- Developed **course modules, admin dashboards, and backend APIs** to support skill training programs for youth.
- Implemented responsive UI, **secure authentication, and MongoDB-based** data management.
- Deployed the **application on AWS**, ensuring high availability and scalability using **EC2 and S3**.

Projects

XSploit | MERN, AWS, Razorpay, Brevo, Calendly [Visit Website](#)

Nov 2025 - Dec 2025

- Designed & built a production-grade cybersecurity learning platform** using Node.js, Express, React, and MongoDB, implementing **secure REST APIs for authentication, courses, purchases, and user profiles at scale**.
- Architected secure payments & auth flows by **integrating Razorpay** live payments with webhook verification and **OTP-based authentication (Brevo)**, enabling **real-time purchases, password recovery, and transaction integrity**.
- Deployed & optimized on AWS using EC2, S3, and CloudFront**, configuring caching, environment-based secrets, and secure deployments to support production traffic and **low-latency content delivery**.

4eDentalAI | Angular, Node.js, MongoDB, Stripe, AWS, Brevo, Calendly [Visit Website](#) Jan 2025 - Feb 2025

- Developed an AI-powered dental assistant platform for **ARTI**, enabling advanced AI-based X-ray scanning to detect dental diseases.
- Implemented **Stripe for payments**, including **subscription management, plan listing, OTP verification, and password recovery** with secure role-based access (Admin & User).
- Created APIs for **user registration, authentication, pricing plans, subscription renewals, and payment success handling**.
- Deployed the application on **AWS via Putty**, ensuring scalability and performance.

Technical Skills

Programming Languages: C, C++, Java, JavaScript, SQL

Web & Backend Technologies: HTML5, CSS3, SCSS, React.js, Angular, Node.js, Express.js, Next.js, Tailwind CSS

Databases & Data Stores: MongoDB, MySQL, Supabase

Tools & Platforms: Git, GitHub, Bitbucket, Postman, Render, Vite, AWS

Data & Analytics: SQL Query Optimization, Data Modeling (Star & Snowflake Schemas), Data Warehousing

Cloud & DevOps: AWS (EC2, S3, CloudFront), Render

Tools & Platforms: Git, GitHub, Bitbucket, Postman, Vite

Achievements and Hackathons

- 500+ DSA problems on **LeetCode** (Top 15% Globally), **HackerRank (Silver Badge in SQL)** [LeetCode](#)
- 96.17 percentile in **Naukri Campus Young Turks**, India's largest skill contest [View Certificate](#)
- Finalist:** Hult Prize Hackathon'22 | **Top 30:** SIH'23 | **Round 2:** InnoHacks'23
- Postman API Fundamentals Student Expert Certified** [View Certificate](#)

Co-Curricular Activities

- Three-time **National Gymnastics Champion (2015 - 2017)** in Kolkata, Telangana, and Agra . [View Link](#)