ANISHA BIRLA

LinkedIn   GitHub   Portfolio   LeetCode   Phone   Email

Education

Kalinga Institute of Industrial Technology	**Sept 2021 - May-2025**
Btech in Computer Science	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 **services like 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