

ANISHA BIRLA

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Education

Kalinga Institute of Industrial Technology

Btech in Computer Science

Sep 2021 - May-2025

Bhubaneswar, Odisha

- **Relevant Coursework:** Data Structures and Algorithms (C++), Object-Oriented Programming, Software Engineering Principles, Database Management Systems, Web Development, Operating Systems, Software Development Methodologies, C, Computer Networks, Cloud Computing, Software Project Management

Experience

PalTech | SQL, Data Bricks, PySpark, Data Warehouse [Visit Website](#)

Jul 2025 - Present

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

Hyderabad

- Worked with **SQL, PySpark, and Databricks** to build scalable data pipelines.
- Implemented **ETL workflows** and optimized queries for large datasets.
- Hands-on experience with data warehousing and distributed **data processing**.

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

May 2025 – Jun 2025

Role - **Full Stack Developer** - Freelance

Remote

- 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

TopDataCoach | Node.js, Express, MongoDB, React.js, Cron Jobs, Web Scraping [Visit Website](#)

Feb 2025 - Mar 2025

- Architected & Developed: **Built TopDataCoach**, a feature-rich educational platform offering structured learning paths in data science and web development.
- Scalable Backend: Engineered RESTful APIs using Node.js and Express for **course management, user authentication, enrollment tracking**, and content delivery.
- Comprehensive **Admin Panel**: Developed interfaces for **course management** (with drag-and-drop module arrangement), content library bulk uploads, **user management**, and an **instructor portal**.
- Secure Payment Processing: Integrated industry-standard **payment gateways supporting one-time purchases, subscriptions, and course bundles**.
- Database Optimization: **Utilized MongoDB indexing and aggregation pipelines for high performance** with large course catalogs and concurrent users.

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**.
- Integrated **Calendly** for appointment scheduling and **Brevo** for automated email notifications.
- Built user and admin dashboards with **real-time analytics**, including **subscription tracking, X-ray evaluations, and revenue reports**.
- Developed AI-based APIs for **uploading and evaluating X-rays, saving results**, and AI-powered cavity detection.
- Deployed the application on **AWS via Putty**, ensuring scalability and performance.

Technical Skills

Programming Languages: C, C++, Java

Other Languages: HTML5, CSS3, SCSS, JavaScript, SQL, Svelte

Frameworks/Libraries: ReactJs, NodeJs, ExpressJs, Angular, NextJs, TailwindCSS

Databases: MongoDB, MySQL, Supabase

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

Achievements and Hackathons

- **450+ 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](#)