

# ANISHA BIRLA

[Gmail](#)[LinkedIn](#)[LeetCode](#)[GitHub](#)

## Education

### Kalinga Institute of Industrial Technology

Btech in Computer Science

Sept 2021 - May-2025

Bhubaneswar, Odisha

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

## Experience

### 4eDentalAI (Angular, Node.js, MongoDB, Stripe, AWS)

Freelance Mern Stack Developer

Jan 2025 - Feb 2025

Remote

- Developed an AI-powered dental assistant with **X-ray analysis & cavity detection**.
- Integrated **Stripe, Calendly, and Brevo** for payments, scheduling, and emails.
- Built **secure role-based authentication** and deployed on **AWS**.

### GirlScript Summer of Code (GSSoC) 2024

Contributor [View Badge](#)

Oct 2024 - Nov 2024

Remote

- Contributed to open-source projects as part of the GSSoC 2024 initiative.
- Collaborated with mentors and fellow developers to improve software solutions and tackle technical challenges.
- Enhanced skills in problem-solving, collaboration, and project management through real-world coding tasks.

## Projects

### TopDataCoach | MERN Stack, Node.js, Express, MongoDB, React.js, Vercel/Render, Cron Jobs, Web Scraping [Website Link](#)

Jan 2025 - Feb 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.
- **Advanced Filtering:** Implemented an intelligent filtering engine to help users discover relevant courses by category, difficulty, instructor, and content type.
- **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 [Website Link](#)

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, JavaScript, SQL

**Frameworks/Libraries:** ReactJs, NodeJs, ExpressJs, TailwindCSS, Bootstrap, Sevelte

**Databases:** MongoDB, MySQL, Supabase

**Tools & Platforms:** Git, GitHub, Postman, Wordpress, Elementor

## Achievements and Hackathons

- **350+ DSA problems on LeetCode** (Top 15% Globally), **HackerRank (Silver Badge in SQL)**.
- **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 winner at the **National Gymnastics Championship** in 2015, 2016, and 2017, held in **Kolkata, Telangana, and Agra**. [View Link](#)