

# ALEKHA KUMAR SWAIN

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## Education

- ✓ **College Of Engineering Bhubaneswar**  
B.TECH IN COMPUTER SCIENCE AND ENGINEERING (7.96 CGPA)  
Dec 2021 - May 2025
  - ✓ **Saraswati Gyana Mandir Higher Secondary School Niladrivihar,Bhubaneswar**  
INTERMEDIATE IN SCIENCE (66.5%)  
April 2018 - March 2020
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## Technical Skills

- ★ **Programming Languages:**
    - C, C#,JAVA, Python, HTML, CSS, JavaScript, jQuery, JSON, AJAX, PHP
  - ★ **Web Development:**
    - Node.js, Express.js, React
  - ★ **Frontend Frameworks:**
    - Bootstrap, Sass, Tailwind CSS
  - ★ **Databases:**
    - MongoDB, SQL, NoSQL
  - ★ **Cloud Technologies:**
    - Google Cloud Platform (GCP), AWS, Microsoft Azure
  - ★ **Developer Tools & Version Control System:**
    - Git, Postman, Canva
  - ★ **Game Development:**
    - Unity & Flutter
  - ★ **Mobile App Development:**
    - Android Studio, Sketchware, Flutter
  - ★ **System Software Development:**
    - NetBeans IDE
  - ★ **Animation and Graphics Designing:**
    - Blender & Plotagon 3D
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## Certifications

- 🚦 **INTRODUCTION TO GENERATIVE AI**  
Issued by Google in Mar 2024
- 🚦 **POSTMAN API FUNDAMENTALS STUDENT EXPERT CERTIFICATION**  
Issued Student Expert Certification from Postman
- 🚦 **SPACE TECHNOLOGY AND ITS APPLICATIONS**  
Issued by Indian Institute of Remote Sensing (IIRS), ISRO in Jan 2023
- 🚦 **GOOGLE CERTIFIED DIGITAL MARKETING COURSE**

Issued by Google in Mar 2022



Issued by Google Digital Academy (Skillshop) in Mar 2022

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## Community Involvement

- ❖ **Google Developer Group (GDG) Bhubaneswar:-** Active member participating in various workshops and events organized by GDG Bhubaneswar.
- ❖ **Google Developer Student Club (GDSC) Bhubaneswar:-** Active member participating in various workshops and events organized by GDSC Bhubaneswar.
- ❖ **Let's Upgrade Student Ambassador:-** Representing Let's Upgrade in the college community, organizing and promoting educational events and workshops

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## Projects

- ✓ **Portfolio Website**
  - Designed a personal portfolio website using React , showcasing Projects, Skills, Contacts, Achievements & other details.
- ✓ **Bunny Talk**
  - Developed a real-time video calling and chatting web application using HTML, CSS, JavaScript, jQuery, JSON, AJAX, Firebase, and API Integrated RESTful APIs for user authentication, message delivery, and video call functionalities.
  - Implemented CRUD operations for managing user profiles, messages, and call logs in Firebase's real-time database
- ✓ **Diagnostic Web App**
  - Designed and developed both frontend and backend for a blood testing agency startup using PHP, AJAX, and other technologies. Integrated custom APIs for data retrieval and manipulation, enabling functionalities such as appointment scheduling, test result viewing, and patient record management.
  - Implemented CRUD operations for managing patient records, appointments, and test results in the backend database.
- ✓ **Posh Palette**
  - Created a shopping website for female products with comprehensive frontend and backend development. Integrated RESTful APIs for product listing, inventory management, and order processing.
  - Utilized Postman for API testing and validation, ensuring smooth integration and functionality.
  - Implemented CRUD operations for managing products, orders, and user profiles in the backend database.
- ✓ **Suprabhat**
  - Designed and developed an Android app for reading newspapers, web news, and watching live news. Integrated RESTful APIs for news aggregation, article retrieval, and video streaming.
  - Implemented CRUD operations for managing user preferences, saved articles, and app settings in the backend database.
- ✓ **Super Favourite**

- Established a technical blog writing platform for sharing insights and knowledge on various tech-related topics. Developed custom APIs for blog post management, user authentication, and content delivery.
  - Utilized Postman for API testing and validation, ensuring reliability and consistency in data exchange.
  - ✓ **Techbeen**
    - Developed a shopping website for technical products, focusing on frontend and backend development and incorporating payment API. Integrated RESTful APIs for product catalog management, payment processing, and order tracking.
    - Utilized Postman for API testing and validation, ensuring secure and reliable data exchange.
    - Implemented CRUD operations for managing products, orders, and user accounts in the backend database
  - ✓ **Telsan**
    - Built a group chat application enabling users to connect and chat with strangers.
    - Integrated RESTful APIs for user authentication, message delivery, and group management.
    - Implemented CRUD operations for managing user profiles, chat rooms, and messages in the backend database.
  - ✓ **Little Champ**
    - Created a kid's game web app for play and learning, leveraging React, Vite, Node.js, and other technologies.
    - Integrated custom APIs for game data management, user progress tracking, and content delivery.
    - Implemented CRUD operations for managing game levels, user progress, and achievements in the backend database.
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## **Additional Skills & Activities**

- **Blogging:** Regularly write tech blogs on various platforms covering topics related to web development, programming, and technology trends.
- **Graphics Designing:** Proficient in Canva for creating visually appealing graphics and designs for websites and social media platforms.
- **Blender:** Proficient in animation and graphics, character design using Blender.