ANTARIKSH MOHAPATRA

Bhubaneswar, India

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Professional Summary

Computer Science undergraduate with a strong foundation in Data Structures and Algorithms. Skilled in Full-Stack and Mobile Development, leveraging Next.js, React, and Kotlin to build secure, AI-integrated, and scalable software solutions.

Education

XIM University   2023 − 2027
B.Tech. (Computer Science & Engineering)   *Bhubaneswar, India*
- CGPA: 6.62

Future Bhubaneswar School   2021 − 2023
Higher Secondary (Class XII)   *Bhubaneswar, India*
- Percentage: 81.00%

ODM Public School   2008 − 2021
High School (Class X)   *Bhubaneswar, India*
- Percentage: 88.00%

Technical Skills

Languages: Java, Python, C, SQL, HTML/CSS, PHP, XML, Kotlin, JavaScript
Frameworks: React.js, Next.js, Node.js, Express.js, Jetpack Compose, Django, Flask
Databases & Cloud: MongoDB, MySQL, SQLite, Firebase
Tools & Technologies: Git, GitHub, VS Code, Vercel, REST APIs, Generative AI Integration
Soft Skills: Analytical Thinking, Team Collaboration, Problem-Solving, Adaptability

Relevant Coursework

- Data Structures & Algorithms
- Database Management
- Artificial Intelligence
- Computer Networks
- OOPs using Java
- Operating Systems
- Programming in C
- Data Mining & Warehousing
- Programming in Python

Projects

AI Website Builder | Next.js, Gemini/Groq API, React   Project link
- Developed an AI-driven platform using Next.js that automates website generation from natural language prompts.
- Integrated Gemini and Groq APIs to orchestrate intelligent code generation and structure dynamic layouts.
- Designed a modular frontend architecture to render AI-generated UI components in real-time.

Stegano-web | Python, React, LSB Steganography, AES-256-GCM   Project link
- Built a secure website to conceal AES-256-GCM encrypted messages in images using LSB steganography.
- Engineered bit-level pixel manipulation logic in Python with a 32-bit header to ensure 100% data integrity.
- Designed a "Matrix-inspired" React UI featuring real-time payload density tracking and secure file streaming.

Dozo − Medication Adherence Application | Kotlin, Jetpack Compose, MVVM   Project link
- Built a cloud-native Android app using Kotlin and Jetpack Compose within an MVVM architecture.
- Implemented real-time data syncing and secure user authentication via Firebase Firestore and Auth.
- Engineered a reliable notification system using AlarmManager to handle exact scheduling and device reboots.

WARESYNC (Inventory System) | HTML, CSS, JavaScript, PHP, MySQL   Project link
- Developed a full-stack inventory dashboard using PHP and MySQL to streamline warehouse logistics and reduce manual errors.
- Implemented secure role-based user authentication and optimized database queries for real-time stock reporting.

Position of Responsibility / Leadership roles

Designing Lead   Tech Fest
College Fest Role
- Spearheaded the visual design and branding for the college fest, overseeing digital and print media.

Media Lead   Xplore Coding Club
Club Leadership
- Contributed to the execution and marketing of coding competitions and technical initiatives.

Licenses and Certifications

- Delta (Full Stack Web Development) [**Apna College**]