

# DEEPAK KUMAR KAR

Bhubaneswar, Odisha, India

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## Education

- GITA Autonomous College, Bhubaneswar, Odisha** 2021 – 2025  
BTech in Computer Science with Specialization in Data Science, CGPA: 8.97
- JHADESWAR +2 Science Residential College, Remuna, Balesore** 2018 – 2020  
Higher Secondary Education in Science, Percentage: 65%
- Sialia Nodal High School, Sialia, Bonth** 2007 – 2018  
BSE, Percentage: 80%

## Skills

**Languages:** Java, Python, JavaScript, SQL

**Frameworks:** Node.js, React, Express.js, jQuery, EJS, Git

**Soft Skills:** Communication, Multitasking, Leadership

## Experience

- OASISINFOBYTE Intern** *Bengaluru, IN* April 2023 – June 2023
  - Developed front-end projects including a Temperature Converter, Landing Page, and Portfolio Website.
  - Assisted in refining UI elements to enhance user experience and maintain visual consistency.
- Web Developer** *Cherry Glitz, Bhubaneswar, IN* Jan 2024 – May 2024
  - Implemented seamless deployment workflows for web applications on AWS.
  - Boosted application performance by 75% and reduced deployment errors by 50%.
  - Ensured 100% compliance with security protocols.

## Projects

- AI-Powered Content Generator** *SEO-Optimized AI Content Creation Tool*
  - Developed a full-stack web application using Next.js and React to generate AI-driven content for blogs, social media, and marketing.
  - Integrated Google Generative AI (Gemini) for producing high-quality, SEO-optimized content based on user inputs.
  - Implemented user authentication and subscription management using Clerk and Razorpay for secure access and payment handling.
  - Built dynamic forms and a rich text editor with Toast UI for user input and AI-generated content display.
  - Utilized Drizzle ORM and Neon PostgreSQL for efficient database management and query handling.
  - Designed a responsive and interactive UI with Tailwind CSS and Framer Motion for enhanced user experience.
- Real-time Device Tracking** *Live Device Location Monitoring System*
  - Implemented real-time tracking using the Leaflet.js library to visualize device locations on interactive maps.
  - Integrated Socket.io for seamless communication between EJS front-end and Node.js backend, enabling live updates.
  - Developed a scalable architecture to handle multiple concurrent device connections and real-time data streaming.
- Authentication using Passkey** *Secure User Authentication System*
  - Developed passkey-based authentication using the SimpleWebAuthn library to enhance security and user convenience.
  - Integrated Node.js Crypto Module to implement cryptographic operations for secure data handling.
  - Ensured compliance with modern authentication standards, reducing reliance on traditional password-based systems.

## Activities & Honors

- Core Member, Sambandh Setu GITA - Contributed to community building and student engagement initiatives.
- Member, GDSC GITA - Actively participated in Google Developer Student Club, enhancing technical and collaborative skills.
- Coordinator, Networking Club GITA - Organized events to foster networking and professional development among students.