

# SUPRATIK KARMAKAR

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## Skills

- **Languages:** Python, Typescript, Javascript, C
- **Backend:** Node.js, Express.js, REST APIs
- **Frontend:** React.js, React Native, Shadcn UI, HTML, CSS
- **Cloud & Databases:** MongoDB, PostgreSQL, AWS, GCP
- **Developer Tools:** Visual Studio Code, Git, GitHub

## Education

- **Kalinga Institute of Industrial Technology** 2022-2026  
*Bachelor of Technology in Computer Science and Engineering (CGPA: 7.6/10)* Bhubaneswar
- **DAV Public School** 2022  
*Intermediate (12th - 80%)* Balurghat
- **DAV Public School** 2020  
*Matriculation (10th - 88%)* Balurghat

## Certifications

- **AWS Solutions Architecture - Forage** Mar 2025
  - Designed scalable hosting architectures through practical simulations
  - Completed AWS-focused job simulation program
- **JP Morgan Chase Software Engineering - Forage** Apr 2025
  - Implemented Kafka and REST API integrations in practical simulations
  - Completed software engineering job simulation with focus on financial systems

## Experience

- **KIIT Digital** Dec 2023 - Sept 2024  
*Multimedia Intern*
  - Developed and enhanced multimedia content, increasing engagement and visibility
  - Collaborated effectively with team members, honing teamwork and communication skills
  - Managed multiple tasks and deadlines, improving time management and organizational abilities

## Extracurricular Activities

- **KIITFEST** Feb 2025  
*Central Organizing Committee Member*
  - Recognized for exceptional dedication in university's flagship festival
  - Applied strategic mindset to transform challenges into opportunities
- **TEDxKIITUNIVERSITY** Apr 2025  
*Officer*
  - Played key organizational role in independently organized TED event
  - Contributed to creating vibrant atmosphere for knowledge exchange

## Projects

- **InsurixAI: One App. All risks covered** Jun 2025  
*React Native, Supabase, Expo*
  - Integrated multiple risk assessment models to provide comprehensive coverage analysis
  - Implemented FastAPI and Supabase backend and interactive dashboard
  - Developed an AI-powered insurance recommendation system using machine learning algorithms
- **Cyberbullying Text Detection System** Apr 2025  
*Machine Learning, Python, MLP*
  - Developed a machine learning model to detect harmful content in text using NLP and MLP techniques
  - Implemented feature extraction and classification algorithms to achieve 93% accuracy