

EDUCATION

<b>B.Tech in Computer Science Engineering</b> - CGPA (5 <sup>th</sup> Semester): <b>8.06</b>	KIIT University, Bhubaneswar, Odisha	<b>September 2022 - June 2026</b>
<b>Grade XII (C.B.S.E.)</b>	Maria Assumpta Convent School, Kashipur, Uttarakhand	<b>July 2022</b>
<b>Grade X (C.B.S.E.)</b>	Maria Assumpta Convent School, Kashipur, Uttarakhand	<b>July 2020</b>

Skills

**Programming Languages:** JavaScript, C++, TypeScript, Java, C, Python.

**Web / App Development & Database:** React.js, React Native, Redux, Next.js, Node.js, Express.js, PostgreSQL, SQL, MongoDB, Tailwind, React Three Fiber, 3js, GSAP, Framer Motion, Socket.IO, WebRTC, Bootstrap, HTML/CSS, Firebase, Appwrite

**Tools & Other Skills:** Data Structures and Algorithms, Object-Oriented Programming, DBMS, OpenAI API, REST API, Git, GitHub, Prompt Engineering, WordPress, Figma, Operating Systems, Computer Networks.

Projects

- Genify – AI-Powered Prompt Sharing**

Github Readme

  - **Packaged and deployed React Native app** that enables users to **create and share AI-generated visuals** with features like **text-to-image generation**, image enhancement, and bookmarking, resulting in a 30% increase in user engagement.
  - Utilized **Neon PostgreSQL** for data storage and **Gen-AI APIs** for seamless image processing, implementing secure user authentication with Google Authentication.
- Inscribe: A Full-Stack Blog Platform**

Blog Link

  - Leveraged **OOP** to enhance code scalability by creating classes with **encapsulated functions** to manage blog operations, resulting in a scalable code-base and enabling 40% faster implementations of new features.
  - Engineered a robust platform, achieving a 70% reduction in spam by implementing user authentication, storage, and other database operations with Appwrite, and a front-end using React and Redux. Implemented **slug** capabilities and a **real-time editor** with features like **embedding videos, images, tables, and links**, allowing users to create unique and standout content.
- IntelliClip - AI Video Generator**
  - Developed a full-stack application using Next and React, enabling users to **create AI videos entirely from prompts**.
  - Integrated **Gemini API** for video generation and utilized Google's Text-to-Speech API for synchronized voiceovers. Leveraged **Clerk** for authentication and **Neon** for efficient database management, resulting in a 40% reduction in video creation time.

WORK EXPERIENCE

<b>Societies and Technical Contributions</b>	<b>Web &amp; App Developer</b>	<b>December 2023 - Current</b>
<ul style="list-style-type: none"><li>• <b>Led the web development team</b> at <b>Coding Ninjas</b>, overseeing the complete life-cycle of the society website, from ideation to collaboration with the design team.</li><li>• Utilized Next.js to create a website featuring a registration form and <b>admin panel</b>, backed by <b>SQL</b> for data management.</li><li>• Conducted <b>30+ technical interviews</b> for <b>React</b> and <b>React Native</b> developer roles, enhancing the technical team’s efficiency and project outcomes by 15%. Completed <b>8+ certifications</b> in Automation for UI and Excel.</li><li>• Taught a class of <b>100+ students</b> at E-Labs on <b>stacks</b> and <b>queues</b>, demonstrating effective leadership and instructional skills.</li></ul>		
<b>EduSkills (Virtual Internship)</b>	<b>Android Intern</b>	<b>June 2024 - July 2024</b>
<ul style="list-style-type: none"><li>• Created mobile applications using Kotlin and <b>Jetpack Compose</b>, implementing Room for Data Persistence and WorkManager.</li></ul>		

HACKATHONS AND OPEN SOURCE

- Smart India Hackathon (S.I.H)**

September 2024

  - Developed a prototype for Colossis, an application designed to quantify carbon emissions in coal mines, achieving **nomination among the top 20 teams** out of **1000+ participants** to represent our college in the national round.
- Open Source Contributions**
  - Actively contributed to **4+ open-source projects** during **Hacktoberfest** and **S.W.O.C.**, focusing on **front-end development** with **React** and **React Native**, enhancing animation performance and implementing new features that supported startup initiatives.