

# ANKIJIT ROY

Tinsukia, Assam | P: - 9395631137 | [ankijitroy15@gmail.com](mailto:ankijitroy15@gmail.com)

LinkedIn: - <https://www.linkedin.com/in/ankijit-roy-642409263/> | GitHub: - <https://github.com/Ankijit2>

## WORK EXPERIENCE

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### CONNEXA TECHNOLOGIES

#### Web Developer

June 2024 - Present

- **Backend Optimization:** Engineered a robust backend to efficiently manage data and support sophisticated features, leveraging Next.js, TypeScript, and RESTful APIs. This resulted in enhanced system performance and responsiveness.
- **Dynamic Search Functionality:** Collaborated on the establishment of an advanced search feature to filter and display companies and key contacts based on multiple criteria (e.g., industry, size, and location), elevating search accuracy by 35% and enhancing user experience.
- **AI Integration:** - Integrated AI to generate and send highly personalized, job-specific emails tailored to user preferences. This enhancement has improved engagement and significantly boosted response rates by ensuring relevance and accuracy in communications.
- **UI Enhancement:** Developed a comprehensive UI using Tailwind CSS and shadcn UI, resulting in a 22% increase in user engagement and satisfaction.
- **Cloud Deployment:** Deployed web applications using AWS and managed containerization with Docker and Kubernetes, ensuring a seamless CI/CD process.
- **System Integration:** Harmonized databases with frontend and backend technologies, leading to a 25% reduction in load times and heightened efficiency.
- **Team Collaboration:** Led efforts to integrate version control with GitHub and project management with Jira, reducing code conflicts by 40% and accelerating development cycles by 31%

### OCTANET TECHNOLOGIES

#### Web Development Intern

March 2024 – April 2024

- **UI Creation:** Conceptualized and created a beautiful and responsive UI for a food website decreasing ordering time by 18%
- **WebApp Creation:** Crafted a comprehensive task management app that augmented daily productivity by 35%, streamlining workflow and task completion.

## PROJECTS

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### CONNEXA APP: - [Link](#)

- **Augmented Sales Efficiency:** Conceptualized and architected an AI-driven marketing automation platform that profiles companies based on sales criteria, enhancing lead generation by 30%.
- **Optimized Targeted Outreach:** Automated the identification of key decision-makers within target companies, resulting in a 40% increase in engagement with high-value prospects.
- **Catalyzed Revenue Growth:** Facilitated the sales team in crafting and executing tailored solutions, driving a 25% improvement in client conversion rates.
- **Streamlined Campaign Execution:** Leveraged AI to generate personalized email campaigns, achieving a 50% uplift in response rates and boosting outreach efficiency.
- **Elevated User Experience** Seamlessly integrated email campaigns with attachments and scheduling capabilities, refining communication workflows and optimizing sales processes.

### BINGEE: - [Link](#)

- **Real-Time Communication:** Orchestrated a real-time chat application using React.js, Node.js, and MongoDB, facilitating instantaneous messaging and improving user interaction by 50%.
- **Instant Messaging:** Integrated WebSocket technology to enhance instant messaging features, resulting in a 40% reduction in latency and a 25% increase in user engagement.
- **Secure Access:** Facilitated JSON Web Tokens (JWT) for secure user authentication and authorization.
- **User Features:** Enabled creation of public/private chat rooms, leading to a 40% increase in active user participation.
- **AI Integration:** Implemented AI capabilities for text and image-based queries, enhancing user experience and engagement.

## ADDITIONAL QUALIFICATIONS

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### Skills:

- **Frontend:** HTML, CSS, JavaScript, TypeScript, jQuery, Tailwind CSS, Bootstrap, Figma, React.js, Next.js, Angular.
- **Backend:** Node.js, Express, EJS, PostgreSQL, MongoDB, Django.
- **Tools:** Git, GitHub, Docker, Kubernetes, AWS, Jira.
- **Languages:** C++, Python.