RUDRA PRASAD BARAL

Kendrapara, Odisha

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EDUCATION

Centurion University of Technology and Management, Bhubaneswar **2022 – Present**
B.Tech - Computer Science and Engineering - **CGPA - 9.1** *Bhubaneswar, Odisha*

Kendrapara Higher Secondary School, Kendrapara **March 2022**
Class 12 (Physics, Chemistry, Mathematics) - **Percentage - 77%** *Kendrapara, Odisha*

Suderson High School, Kendrapara **March 2020**
Class 10 - **Percentage - 77%** *Kendrapara, Odisha*

EXPERIENCE

Web Developer Intern - Octanet Services Pvt Ltd **May 2024 – July 2024**
Remote Internship *Remote*

- Developed and deployed 5+ dynamic web applications, reducing average page load time by 30% through optimized coding.
- Integrated design team feedback into 15+ components, improving user satisfaction scores by 20%.
- Resolved 20+ bugs, increasing application performance by 25%.
- Managed 100+ Git commits and streamlined version control workflows.
- Collaborated with a cross-functional team of 5, delivering 2 frontend modules ahead of schedule.
- Conducted code reviews for 30+ pull requests, maintaining 95% test coverage.
- Integrated 3 third-party APIs, enhancing platform functionality.
- Participated in Agile sprints and helped reduce development cycle by 10%.

PROJECTS

AI-Image Generator | Next.js, Nebius API **Jan 2025**

- Launched a text-to-image web app serving 500+ requests monthly using Nebius API.
- Optimized backend to reduce generation time by 20%.

ChatBot with Gemini API | React.js, Node.js **Dec 2024**

- Built a real-time AI assistant with 3 conversation modes and Gemini LLM integration.
- Deployed on cloud platform, achieving 99.9% uptime with 100+ concurrent users.
- Reduced average response time by 40% through API optimization.

Gatepass Management System | React.js, Node.js, MongoDB **March 2024**

- Automated gatepass approval workflows for 400+ residents, reducing approval time by 50%.
- Built admin panel handling 400+ daily requests and QR code generation.

TECHNICAL SKILLS

Languages: C, Java, JavaScript, SQL, NoSQL
Technologies/Frameworks: React.js, Node.js, MongoDB, Next.js, Express.js
Developer Tools: VS Code, GitHub, Postman

CERTIFICATIONS

- AWS Academy Cloud Foundations – Amazon Web Services
- Cloud Infrastructure 2024 Generative AI Certified Professional – Oracle

EXTRACURRICULAR

Volunteered at tech fests, mentoring junior students on Git, React basics, and open-source projects.

Active participant in cloud and web development hackathons, securing top 10% positions.