






Rasmi Ranjan Patnaik

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SUMMARY

Experienced and dedicated software developer with a strong background in React.js, React Native, and a range of web technologies. Proven track record of leading projects from conception to completion. Passionate about leveraging technology to solve real-world problems.

EDUCATION

Kalinga Institute of Industrial Technology(KIIT)

M.C.A computer application

Berhampur University

B.Sc. Botany Honour

Arihant Junior College (CHSE)

Science

Kendriya Vidyalaya Gajapati(CBSE)

May 2024

Current CGPA: 7.89/10

june 2022

CGPA: 7.24/10

April 2019

Percentage: 49

may 2017

CGPA: 7.00/10

SKILLS

Languages: C/C++, Python, Java, JavaScript, HTML/CSS

Framework: React.js, Next.js, Tailwind, React Native, Angular.js,PHP,

Tools: Git/GitHub, Webpack,VS Code,Figma, Dora 3D animation

COURSEWORK

Courses: Object-Oriented Programming, Data Structures & Algorithms, operating systems, Discrete Math, Database management system, software engineering,computer networking,

EXPERIENCE

ClinicalAIassistance Private.Limited | *(Research Developer- [Intern]) IIT Patna*

Dec-2023 - Feb-2024

- Pioneered RandD for synthetic data using Prompt, LLM, and Hugging Face API for accurate medical reports.
- Led React.js development for Clinical AI site, integrating MongoDB for dynamic content.
- Directed React Native app development for Clinical AI, optimizing UI/UX with GPT API and MongoDB.
- Developed React Native communication app for autism, integrating real-time chat and GPT API.

Walmart Global Tech | *Advanced Software Engineer[Intern]*

Jun '23 – Jul '23

- Optimized system uptime by 90 percentage through proactive maintenance and updates.
- Led improvements in data structures, architecture, and database design, boosting system efficiency by 30 percent.
- Achieved 95 percent of user issue resolution rate, ensuring high customer satisfaction.
- Collaborated with cross-functional teams to implement innovative solutions, enhancing system performance and user experience.

PROJECTS

Optimizing doctor availability and appointment in hospitals and AI integration. | *November 2023 - Present*

- Conceptualized and developed centralized online platform for medical record management and appointment booking.
- Engineered robust booking system with React.js, Node.js, and MongoDB.
- Established strategic partnerships with healthcare institutions for secure cloud storage.
- Developed an intelligent algorithm in Python for prioritizing emergency cases, ensuring timely attention.
- Spearheaded end-to-end development of healthcare management system with comprehensive tech stack.

Study Notion (Online Study Platform) | *May 2023 - September 2023*

- Engineered Study Notion, an educational platform using HTML, CSS, React.js, MySQL, and MongoDB.
- Facilitated seamless content creation and access, enhancing student learning experiences.
- Collaborated with livestreamers to get feedback and suggested features.
- Implemented personalized learning pathways with React.js and MySQL.
- Integrated machine learning for tailored course recommendations, boosting engagement.
- Enhanced platform functionality for user-friendly interface and optimized learning.

FoodDropper (KIIT Cafeteria) | *December 2022 - March 2023*

- Developed a Minecraft server plugin to limit players to one way of replenishing their hunger bar.
- Used persistent data containers to save and load data, ensuring that it persists across plugin resets.
- Optimized UX e.g. sound design, food drop timing, supplied saturation level, and addressed potential workarounds.