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🎓 EDUCATION

Masters in Computer Application (MCA), Jain University Major Specialization in Storage and Cloud Technology & Minor Specialization in AIML

2024 – present

Bachelor of Computer Applications from Acharya Bangalore-B School in 2023.

12th from Sainthia High School, West Bengal in 2020

10th from Sainthia High School, West Bengal in 2018.

🧠 SKILLS

💻 **Frontend Technologies**
HTML5 , CSS3 , SCSS , React.js , Next.js , Material UI , Redux Toolkit

🛠 **Version Control & DevOps**
Git , GitHub Actions

☁ **Cloud**
AWS Lambda , API Gateway , AWS S3 DynamoDB , AWS SES , Terraform

📖 PUBLICATIONS

Build a Serverless EC2 Monitor & Control Dashboard with AWS Lambda, API Gateway, and S3, International Journal of Innovative Research in Science Engineering and Technology (IJIRSET) ⌕

💼 PROFESSIONAL EXPERIENCE

Front-end Developer Intern
Stackwit Organisation, Bangalore, India
11/2023 – 02/2024

- Used NextAuth for implementing secure user authentication, and fortified the application's login system.
- Led the development of intricate user interfaces to guarantee an exceptional user experience on various devices through the implementation of responsive design principles, ensuring seamless functionality.
- Extensive knowledge and exposure in Software Development Lifecycle (SDLC) right from requirement analysis, documentation (functional specifications, technical design), coding and testing (preparation of test cases along with implementation) to maintenance of proposed applications.
- Implemented responsive design principles to ensure compatibility across multiple devices.
- Exhibited a strong commitment to continuous learning and skill development, stayed updated with the latest industry trends to enhance project outcomes

📂 PROJECTS

LinkedIn UI Clone ⌕
- Developed a responsive LinkedIn UI clone using HTML and CSS, ensured a seamless user experience across devices.
- Designed and implemented a responsive layout to enhance user interaction and engagement.

Event Management Portal ⌕
- Utilized modern web technologies, included React, SCSS, and JavaScript, for interactive and user-friendly web applications.
- Implemented distinct user modules for efficient in event browsing, booking, and management.
- Integrated an email confirmation system to notify organizers about event approvals, enhanced communication and user experience.

Serverless EC2 Monitor & Control Dashboard, Real-Time EC2 Instance Monitoring and Automation using AWS Lambda, API Gateway, DynamoDB, SES, and S3 ⌕
- Designed and deployed a fully serverless web-based EC2 instance management dashboard. •Automated idle EC2 instance monitoring and shutdown based on user-defined thresholds.
- Enabled manual instance control via a responsive frontend interface.
- Prioritized cost optimization, scalability, and production readiness.
- Project developed as part of academic research focused on cloud efficiency.