

ANNABATHINI SWEJAN CHOWDARY

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EXPERIENCE

• Hirers

Jun 2024 - Aug 2024

Full Stack Intern

Remote

- Led the design and development of a responsive, user-friendly website, resulting in a 20% increase in website traffic.
- Implemented Authentication to ensure robust user authentication, achieving zero unauthorized access attempts over two months and significantly improving login efficiency.
- Optimized website performance by streamlining code and improving page load speed, reducing latency by 15%.

EDUCATION

• Indian Institute of Information Technology, Sri City

Aug 2021 - Present

BTech Computer Science Engineering

Sri City, India

- GPA: 7.43/10.00

PROJECTS

• ImageVerse: Transforming Creativity, One Click at a Time.

Jul 2024 - Aug 2024

Tools: NextJS, Clerk, Cloudinary, Stripe, MongoDB, Shadcn, TypeScript, Tailwind



- Developed an AI-driven image modification platform, reducing editing time by 80% and increasing designer throughput by 300%.
- Optimized website performance, achieving a 10% decrease in load time, enhancing user experience and engagement.
- Implemented event-driven webhooks, reducing latency by 20% compared to polling, ensuring faster system responsiveness.

• InfoSphere: Your Gateway to Instant Knowledge.

Oct 2023 - Dec 2023

Tools: React JS, Python, FastApi



- Achieved sub-30ms retrieval rates for user queries.
- Designed an advanced search engine with a precision rate exceeding 90%, which streamlined information retrieval for over 5,000 users daily, thereby reducing the time spent on searching by up to 40%.
- By employing NLP techniques like stemming, lemmatization, and cosine similarity. I increase relevance to 92 %.

• Bizmaven: A business listing website.

Jul 2022 - Dec 2023

Tools: React JS, Express, MongoDB, Redis



- Migrated from SQL to MongoDB achieving a 10% boost in write performance.
- Successfully integrated Redis for caching which allowed sub 10 ms retrivals.
- Worked as part of the 5 team and collaborated in integration.

SKILLS

- **Programming Languages:** JavaScript, Python, Java, C, PowerShell, Batch Files, Shell Scripting.
- **Web Technologies:** ReactJS, Redux, NextJS, Express, FastApi, Django, Apollo GraphQL.
- **Database Systems:** MongoDB, SQL, MySQL, PostgreSQL, Oracle.
- **Cloud Technologies:** AWS, Azure, GCP
- **DevOps & Version Control:** Git, Github, Docker, Kubernetes, Redis.
- **Mathematical & Statistical Tools:** Pandas, NumPy, Mathplot.
- **Networking:** Cisco Packet Tracer, WireShark, Nmap.

PATENTS AND PUBLICATIONS C=CONFERENCE, J=JOURNAL, P=PATENT, S=IN SUBMISSION, T=THESIS

- [S.1] Anjali Kumari, Sreevallabh Karanam, Swejan Annabathini and Kamalakanta Sethi **Design of Pairing Free Attribute-based Encryption for Smart Grid Applications** . In *CyberScience 2024*, Edinburgh Napier University, Scotland, UK

AWARDS AND CERTIFICATIONS

• Google Cloud Fundamentals: Core Infrastructure

Mar 2025

Google



• Won First place in HackVerse 2024

May 2024

SRM Institute of Science and Technology, Ramapuram



• AWS Cloud Quest: Cloud Practitioner

Apr 2024

Amazon Web Services Training and Certification

