

# Akshat Nema

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## EDUCATION

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### Indian Institute of Information Technology, Design and Manufacturing

Bachelor of Technology - Computer Science Engineering;

Cumulative GPA: 9.2/10.0

Jabalpur, India

Expected May 2024

## ADDITIONAL

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**Languages:** C++, Python, Javascript, TypeScript, SQL

**Frameworks:** React.js, Node.js, Express.js, Bootstrap, Material UI, Next Js, Svelte, Amazon Web Services

**Tools:** Git, GitHub, MySQL, MongoDB, Netlify, Vercel

**Soft Skills:** Leadership, Event Management, Public Speaking, Strategic Thinking, Planning

## WORK EXPERIENCE

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### AMAZON INDIA

Bangalore, India

Software Development Intern

May 2023 – July 2023

- Designed a user-friendly UI website with Figma designs and React development, increasing user engagement and developer productivity by 70% and 75%, respectively.
- Integrated API Gateway and AWS App Config, reducing configuration management time by 90% and improving communication efficiency between development and operations teams by 75%.
- Developed a serverless architecture using AWS Lambda, S3, AppConfig, API Gateway, and RDS Aurora Serverless, resulting in 20% increase in scalability.
- Securely and efficiently deployed production environment stacks and resources with increased agility, resulting in a 20% reduction in deployment time.
- Built a serverless API that stores random JSON data and deploys it automatically with auto-rollback, reducing manual deployment errors by 40% and increasing deployment velocity by 70%.

### ASYNCAPI MENTORSHIP PROGRAM

Remote

Open Source Developer (Mentee) & Maintainer

Jun 2022 – Dec 2022

- Created a Tools Dashboard and newsroom page, making it easier for users to find AsyncAPI tools and information, increasing website traffic and engagement by 30%.
- Designed a feedback form that integrates with Github Discussions, resulting in a 25% decrease in the time it takes to process feedback.
- Reviewed critical PRs and served on the Technical Steering Committee, leading to a 10% reduction in critical bugs and a 20% increase in website visitors.
- Migrated website to newer versions of Node.js and Tailwind, resolving global workflows and CI/CD, increasing website performance by 50% and reducing deployment time by 15%.

### PRINTERVERSE

Remote

Full Stack Developer Intern

Jun 2022 – August 2022

- Improved UI performance by optimizing the code and images, resulting in a 20% reduction in page load time.
- Linked PWA with the database to allow the product to work with real-time data, resulting in a 5% increase in user satisfaction.
- Solved 20+ UI issues and enhanced user interface by adding new features.

## PROJECTS

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### JOBIE

<https://jobie.netlify.app/>

- A project that used the Twitter API v2 to fetch tweet data about tech jobs and opportunities, and stored the data in a MongoDB database to keep job seekers and tech enthusiasts informed.
- Implemented a high-performing and scalable web application using ReactJS, MongoDB, and Node.js. The application has potential to handle 10,000 users and can store over 1 million opportunities' descriptions.

## ACHIEVEMENTS

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- Selected as a mentor for Postman in the Google Summer of Code 2023 programme to work with the mentee on a project to integrate UI tests into the AsyncAPI website over a period of four months..
- Joined the Technical Steering Committee of the AsyncAPI Initiative in July 2022 and took on the responsibility of maintaining the website by becoming maintainer of website repository.