Akshay Raj Singh

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Education

National Institute of Technology, Tiruchirappalli	*Trichy, India*
Master of Computer Applications	CGPA: 7.5	2021-*2024*

College of Commerce, Arts & Science	*Patna, India*
Bachelor of Computer Applications	68.71%	*2018-2021*

Work Experience

American Express   *Bangalore, India*

Software Engineer Intern | JavaScript, Tailwind CSS, Java, Springboot.   *Jan 2024 – Jun 2024*

- Developed a comprehensive Shift Turnover Portal for seamless shift transitions, enabling teams to log and access incidents (INCs), Request for Change (RFCs), email and alerts. Integrated a metrics section to track and analyze INC, RFC, and Problem Ticket data over customizable time ranges, enhancing operational transparency and efficiency.
- Utilized Splunk and ELF to monitor server logs, identifying and troubleshooting access issues for key management servers and network facing applications. Ensured optimal performance and security by analyzing log data, addressing potential problems, and maintaining system integrity.

Technical Skills

Languages: C++, JavaScript, Java, HTML/CSS
Technologies: Springboot, React.js, Node.js, Express js, Tailwind CSS

Project

Keeper | *React, Express, MongoDB*   *Jun 2023*
- Developed a secure web application with user authentication to access the main page, which functions as a notice board. Enabled users to post, edit, and delete their Post.
- Ensured user specific access control and a seamless interface for managing posts.

The Kite | *HTML, CSS, JavaScript, Django*   *Jan 2023*
- Developed an E-Commerce website with features like adding items to cart, placing the order, searching for the product.
- It comes with user authentication where only authenticated users can place an order.

Achievements

- Secured **AIR 66** in NIMCET (National Institute of Technology Master of Computer Applications Common Entrance Test) 2021.
- Reached a peak contest rating of **1799** on Leetcode by participating in 20+ coding challenges, showcasing advanced expertise in data structures and algorithm with a top 10% ranking.

Positions of Responsibility

Editor in Charge | ACM   *Jan 2022 – Jun 2024*
- Managed all design-related aspects for events organized by the club.
- Oversaw the creation and execution of promotional materials, event graphics, and other visual content, ensuring cohesive and engaging designs that enhanced event visibility and participation.

Member | Aayam (Hindi cell of NITT)   Jan 2022 – Dec 2023
- Managed event planning and coordination, ensuring successful execution.
- Served as a video editor, creating engaging video content to highlight and document events, enhancing the club's outreach and impact.