Shiwang Kumar Rai

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EDUCATION

- **Oriental Institute Of Science and Technology** — Bhopal, India
  Bachelor of Technology in **Computer Science and Engineering** CGPA: **7.67** — *Sep 2022 - June 2026*

EXPERIENCE

- **Linux World, Jaipur**
  Intern — *Sep. 2023 - Oct. 2023*
    - Implemented and managed **AWS cloud infrastructure** including **EC2 instances, IAM roles, and S3 buckets**, demonstrating strong proficiency in AWS fundamentals and hands-on experience with provisioning and maintaining scalable resources.
    - Collaborated with senior developers to integrate and utilize advanced AWS services such as **AWS Glue**, contributing to data transformation and **ETL workflows**.

- **Saksham in Collaboration with Oist, Bhopal**
  Web Developer — *April 2024 - May 2024*
    - Developed responsive and dynamic web interfaces using **React**, delivering user-centric projects such as personal portfolios and interactive tools.
    - Implemented robust **RESTful APIs** to facilitate seamless communication between the front-end and back-end systems.

SKILLS

- **Technical Skills**: Java, C++, SQL, React.js, Tailwind CSS, Node.js, MySQL, MongoDB, AWS, Git and Github, Development Tools like VS code and Figma, System Design fundamentals
- **Soft Skills**: Problem-Solving, Adaptability, Team Collaboration, Curiosity and Continuous Learning
- **Course work**: Operating Systems basics, OOP, Computer Network, DBMS, Agile Process

PROJECTS

- **PROJECT: vidTube**:
  [Github]
    * **Developed vidTube, a Node.js backend simulating core YouTube functionalities, using Express.js, MongoDB, and Cloudinary. Implemented secure RESTful APIs with JWT authentication, MVC architecture, cloud file uploads, custom middleware, and robust error handling.**:

  TECH STACK: Node.js, Express.js, MongoDB, Cloudinary, JWT, MVC Architecture, RESTful APIs, dotenv, GitHub

ACHIEVEMENTS

- **200+** Questions on leetcode.

EXTRA CURRICULUM ACTIVITIES

* **Member Of Programming Club and Debug Link** :   Extra-Curricular Activities
    · **Active member of the CSE Department Programming Club, contributing to tech ideation and collaborative projects.**
    Led and nurtured a vibrant Whatsapp community of 100+ members, fostering creative space for brainstorming, ideation, and tech discussions.
    Co-founded and managed Debug, a global hub for disruptive tech ideas and collaborations. :