Ayush Kumar Singh

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SKILLS

- **Languages**:   HTML, CSS, Java, C++, Python, Bash
- **Frameworks**:   AWS server less Application Model, React.js
- **Cloud Platforms:** AWS (EC2, S3, Lambda, IAM, CloudFormation), Azure
- **DevOps Practices**: CI/CD (GitHub Action), Docker, Kubernetes, Git
- **Soft Skills**:   Problem-Solving Skills, Team Collaboration, Project Management

PROJECTS

- **Artist Ho - Artist Collaboration Platform**:   Jan 2025 - Mar 2025
  Developed a Website for artists to connect and collaborate.
  Implemented features for users to post content, include image and video.
  Designed and built user authentication, profile management and search functionalities.
  Technologies Used HTML , CSS, javascript and React.

- **Static Website Hosting Using AWS**:   Feb 2024 - Mar 2024
  Static Websites Hosting Using AWS is suitable for static websites like personal blogs.
  Implemented a Serverless Static Websites using AWS S3, CloudFront and Route53.
  Utilized AWS S3 for storing and serving static files.
  Ensured high availability without server management.

- **Cloud Library System**:   Mar 2024 - Apr 2024
  An innovative digital solution for accessing library resources through the cloud.
  Developed a digital Cloud Library System for Managing Library resources.
  Enables access to e-books and multimedia content from any devices.
  Used AWS Lambda and DynamoDB to enable Serverless operations.

- **Automatic Hand Wash Sanitizer System**:   Jan 2022 - Feb 2022
  A system designed to maintain hygiene through automated sanitizer dispensing.
  Created an Automatic Hand Wash Sanitizer System for contactless hygiene.
  Used sensor-based technology to minimize germ transmission.
  Implemented C code for motor control based on sensor detection.

CERTIFICATIONS

- AWS Cloud Computing (Gok Boru Pvt Ltd)   June 2024
- Cloud Computing (Cipher Schools)   Jan 2025
- Prompt Engineering for ChatGPT (Coursera)   Jan 2024
- ChatGPT Playground for Beginners (Coursera)   Jan 2024

ACHIEVEMENTS

- **AWS Static Websites**:
  Successfully deployed over 7 static websites using AWS S3 in Two month.

- **Team Leadership Success**:
  Led a team of 4 developers to deliver a project two weeks ahead of deadlines.

- **2nd Runner-Up in One India**:
  Secured runner-up position in the prestigious "One India" competition, outperforming participants from 28 states.

EDUCATION

- **Lovely Professional University**   Phagwara, Punjab
  Bachelor of Technology in Computer Science Engineering   July 2023 - July 2026

- **Diploma in Engineering**   Bokaro, Jharkhand
  Govt. Polytechnic, Khutri   April 2020 - April 2023

- **Guru Gobind Singh Public School**   Bokaro, Jharkhand
  G.G.P.S Chas, Bokaro   April 2019 - March 2020