KUSHAGRA BISHT

Cloud & DevOps Enthusiast | Full Stack | Docker | Mobile App Dev

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WORK EXPERIENCE

IBM

Project Intern   Jun 2025 - July 2025
- Developed an AI-powered summarization engine for a cloud knowledge management system.
- Handled unstructured data and delivering customized, accurate summaries at scale.

BioPay

Backend Dev Intern   Feb 2025 - April 2025
- Built & optimized Node.js/Express.js APIs, reducing authentication request time by 30% for biometric (Fujitsu PalmSecure, Mantra MFS 110) systems.
- Integrated RESTful endpoints, enabling secure data flows for 1,000+ realtime transactions.

EDUCATION

UPES, Dehradun

Bachelor of Technology in CSE - CGPA: 7.7   Aug 2022 - May 2026

Apeejay School Pitampura, Delhi-110034

Class XII CBSE Board : 75%ile Class X CBSE Board : 88%ile

PROJECTS

Campus Navigation System

Tech Stack: HTML/CSS, Java Springboot, Graph Theory
- Engineered a campus navigation tool that applied Dijkstra's algorithm, optimizing route selection for fastest navigation across all campus locations.
- Modeled campus layout as a dynamic graph structure, computing efficient routes and reducing travel time for end users.

Cloud-Based Knowledge Management System (IBM Collaboration) ↗
- Developed a scalable knowledge management platform on the cloud to enable efficient organization and retrieval of large volumes of corporate data.
- Engineered and integrated an AI-powered summarization engine using transformer-based NLP models, automatically extracting and condensing key insights from diverse, unstructured documents.

GTD Productivity Mobile App ↗

Tech Stack: React Native, Expo Router, JavaScript
- Built a cross-platform React Native app for efficient task management, integrating "Getting Things Done" (GTD) principles.
- Added advanced features such as rapid task capture, smart inbox sorting, context-aware filters, and project categorization for enhanced productivity.
- Enhanced user experience through custom fonts, visually appealing dark themes, and intuitive floating action buttons for task entry.

SKILLS

- Languages/Frameworks/Databases: Python, C++, JavaScript, HTML, CSS, React, React Native, Node.js, Express.js, Expo, MySQL, MongoDB
- Cloud & DevOps: AWS, Docker, Kubernetes, CI/CD pipelines
- APIs & Tools: REST APIs, Postman, Git, GitHub

CERTIFICATE

- AWS Cloud Practitioner Essentials
- AWS Academy Cloud Web Application Builder
- Getting Started With DevOps On AWS