

# SOMIT PRAKASH

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Bazpur, Uttarakhand - 262401, India



## EDUCATION

- University of Petroleum and Energy Studies (UPES)** 2022 - 2026  
*B.Tech in Computer Science and Engineering (Specialisation in Cloud Computing and Virtualization Technology)* Dehradun, India
  - CGPA: 7.27/10.00



## SKILLS

- Programming Languages:** C/C++, Java, Python, HTML, CSS, JavaScript, MySQL
- Cloud Technologies:** AWS, MS Azure, GCP
- DevOps & Version Control:** Jenkins, Kubernetes, Docker, GitHub Actions, Jira
- Other Tools & Technologies:** Linux, Virtualbox, VS Code

## EXPERIENCE

- IBM**  2025  
*Intern* Remote
  - Developed a cloud-native dashboard for real-time telemetry data (location, speed, fuel, battery), improving operational visibility by 30%.
  - Implemented serverless backend with AWS Lambda, API Gateway, and DynamoDB, reducing infrastructure overhead by 40%.
- Shri Banke Bihari Educational Society**  2023  
*Intern* Remote
  - Improved session planning efficiency by 20% by automating volunteer-institution data in a centralized database.
  - Streamlined data collection from 50+ institutions with reporting templates, enabling accurate volunteer assignment.

## PROJECTS

- Project A: Bankshield - A Fraud detection and Prevention System** 2024   
*Tools: Python, React.js, Node.js, MySQL*
  - Integrated rule-based anomaly checks with ML classifiers (Random Forest, Logistic Regression), achieving 90%+ accuracy.
  - Built secure backend with Node.js + MySQL/MongoDB for scalable transaction logging.
  - Developed React.js dashboard for real-time fraud monitoring and reporting.
- Project B: SalesVision - Intelligent Analytics and Forecasting** 2024   
*Tools: ARIMA, MySQL, Node.js*
  - Created cloud-based sales analytics system centralizing multi-branch data for real-time profit/loss analysis.
  - Implemented predictive models (ARIMA, Linear Regression) with visualization in React.js + Chart.js/D3.js.
  - Delivered interactive dashboards with secure role-based access for business decision-making.

## CERTIFICATIONS

- AWS Academy Graduate – Cloud Architecting** 2024
- AWS Cloud Practitioner Essentials** 2024
- AWS Academy Graduate – Cloud Security Foundations** 2024
- AWS Academy Graduate – Web Application Builder** 2025
- Digital Classroom – Architecting on AWS** 2025