

# SAURABH BHANDARI

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## SUMMARY

Computer Science student with hands-on experience in full-stack development (React, Node.js, AWS) and AI/ML (anomaly detection, NLP). Currently working as a Cloud Architect Intern. Passionate about building scalable, real-time applications. Strong in cloud computing, automation, and cross-functional collaboration.

## EDUCATION

Bachelor of Technology in Computer Science, Graphic Era Hill University, Dehradun (Aug 2022 – 2026)

- CGPA: 8.5/10 | Relevant Coursework: Data Structures, Machine Learning, Cloud Computing
- Projects: AI-driven health monitoring, Serverless automation systems

## EXPERIENCE

### Cloud Architect Intern – Linky | May 2025 – Present

- Designed and deployed scalable cloud infrastructures using Azure.
- Assisted in migration of legacy apps to microservice architecture.
- Automated CI/CD pipelines to improve deployment efficiency by 30%.

## PROJECTS

### LifePulse – Real-Time AI Health Alert System | Jul 2024 – Jul 2025

- Developed a real-time vitals dashboard with React + WebSockets and FastAPI for anomaly detection.
- Triggered automated alerts via Twilio SMS with GPS location via Mapbox for emergency services.
- Achieved 95% accuracy in detecting health anomalies using custom-trained ML models.

### Serverless Data Dashboard + Automation Engine | Sep 2024 – Mar 2025

- Engineered a scalable, serverless dashboard using AWS Lambda and DynamoDB processing over 10K data points/sec.
- Used n8n for automation flows and integrated AWS SNS/SES for instant alerting.
- Implemented RBAC (Role-Based Access Control) via AWS Cognito.

### NLP-based Social Media Content Curator | Nov 2024 – Jan 2025

- Built an NLP pipeline to rank and curate 1000+ news articles daily using Python and SpaCy.
- Automated scheduled social posting using cron jobs and buffer API.

## TECHNICAL SKILLS

- **Languages:** Python, JavaScript, SQL, Java, C++
- **Frontend:** React, Tailwind CSS, WebSockets
- **Backend:** Node.js, FastAPI, REST APIs
- **Cloud & DevOps:** AWS (Lambda, DynamoDB, Cognito, SES, SNS), Azure, CI/CD, n8n
- **AI/ML:** Anomaly Detection, NLP, Time-Series Analysis, Scikit-learn
- **Tools:** Git, Twilio, Mapbox, Docker, GitHub Actions

## CERTIFICATIONS

- Microsoft Certified: Azure Data Fundamentals
- AWS Cloud Practitioner (In Progress)
- TensorFlow Developer Certificate (Expected July 2025)
- Coursera – Introduction to Front-End Development (Meta)