

# Keshav Kumar

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## SUMMARY

AWS Certified Cloud Practitioner and an engineering student with passion for cloud computing and a strong command of cloud infrastructure and a proven passion for building scalable, secure solutions using AWS services like EC2, IAM, VPC, Load Balancers, and S3. Driven to contribute to cutting-edge cloud innovations and thrive in fast-paced, tech-driven environments.

## SKILLS

**Languages:** HTML/CSS, JavaScript, Java, Python, SQL

**Developer Tools:** GitHub, VS Code, PyCharm, Postman, Notion, Docker, Firebase, Putty, Kubernetes.

**Cloud Services:** AWS, IAM, S3, EC2, AWS Lambda, Amazon VPC, AWS Elastic Beanstalk, AWS CloudWatch, AWS DynamoDB.

**Areas of Interest:** Software Development, Developer Relations (DevRel), Community Building, Collaboration, Teamwork.

## EXPERIENCE

### F13 Technologies | AWS Cloud Intern

June 2025 - Present

- Assisted in deploying and managing AWS infrastructure, including provisioning EC2 instances, configuring IAM roles/policies, and implementing S3-based storage solutions for internal projects.
- Developed and tested serverless functions using AWS Lambda, integrated with API Gateway and DynamoDB, improving automation and reducing backend latency by 30%.

### WoRisGo | Cloud Intern

Mar 2025 - April 2025

- Hosted a self-scaling full-stack application using AWS Elastic Beanstalk, ensuring high availability and automated resource management.
- Implemented a secure user authentication system using AWS Cognito integrated with a LAMP Stack architecture, supporting login functionality for 50+ users and improving authentication reliability.
- Developed and deployed a serverless To-Do list application using AWS Lambda and API Gateway, enhancing backend scalability and cost-efficiency.

### TekNavigators Staffing | Project Intern

July 2023 - Sept 2023

- Developed low-level firmware to interface embedded hardware components with external peripherals and sensors.
- Engineered IoT applications using cloud platforms to enable remote monitoring, data logging, and device management.
- Connected real-world devices to the cloud by implementing protocols for seamless communication between physical hardware and IoT systems.

## ACADEMIC PROJECTS

### YOC.ai | Tech Stack - HTML/CSS, JavaScript, Next.js, Firebase, VAPI, Postman, Typescript

- Built an AI-driven mock interview platform that delivered real-time feedback and improved candidate performance by 40% through automated speech and response analysis.
- Engineered a highly accurate AI feedback system, capable of analyzing responses with 70%+ precision, offering insights into communication, confidence, and technical clarity.

### User Authentication System | Tech Stack – AWS Cognito, PHP, MySQL, AWS API Gateway, Apache, Postman

- Developed a secure user authentication system using AWS Cognito, enabling seamless sign-up, sign-in, and multi-device session management.
- Integrated the authentication flow with a LAMP stack backend to ensure smooth user access control and data protection across all application layers.

## EDUCATION

- BTech | Dronacharya College of Engineering, Gurugram
- Diploma | Government College of Polytechnic, Ghaziabad

CGPA: 7.6 | (2024-Present)

Percentage - 78.6% | (2021-2024)

## CERTIFICATIONS

- AWS Certified Cloud Practitioner
- AWS Partner: Cloud Economics
- AWS Partner Accreditation (Technical)
- Artificial Intelligence for All - Infosys Springboard

July 2025 - July 2028