# SHUBHAM PATIL

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## SUMMARY

**Experienced Cloud Engineer** and **Python Developer** with extensive expertise in designing, developing, and deploying scalable cloud-native applications. Proficient in AWS services (EC2, RDS, DynamoDB, Lambda, S3, IAM, VPC) and Infrastructure as Code (IaC) tools like Terraform. Skilled in Python, Django REST Framework, CI/CD pipelines, and team leadership. **Available to join immediately.**

## CORE COMPETENCIES

- Cloud Architecture & Deployment (AWS, Terraform)
- Backend Development (Python, Django, DRF, Django Channels)
- CI/CD Pipelines & DevOps (GitHub Actions, AWS CodePipeline)
- Real-time Applications (WebSockets, Django Channels)
- Database Management (RDS, DynamoDB, SQL)
- Project Management & Team Leadership
- Machine Learning Model Integration

## PROFESSIONAL EXPERIENCE

**ANVESHAK TECHNOLOGY & KNOWLEDGE SOLUTIONS LLP** | Pune, Maharashtra, India
Python Developer(2021-2024)

- Designed and implemented a video portal utilizing AWS Chime, Lambda, RDS, and DynamoDB for seamless backend operations.
- Developed real-time multiplayer gaming platforms leveraging Django and Django Channels.
- Streamlined deployment with CI/CD pipelines using GitHub Actions and automated infrastructure with Terraform.
- Spearheaded projects like Health Management Systems integrating role-based access and machine learning models.
- Provided AWS consultancy by designing cost-effective cloud solutions (VPCs, EC2, RDS, CloudFront, Cloudflare).

## PROJECTS & ACHIEVEMENTS

- Led a team of six developers for an online learning platform; optimized deployments via GitHub CI/CD.
- Built and hosted Python-based web scraping solutions for extracting email data.
- Developed custom WordPress sites for clients; implemented personalized features.
- Developed and deployed a web application with integrated payment processing capabilities.
- Recognized with "Star Performer of the Month" (August 2023) and the "Organizational Citizenship Award."

## TECHNICAL SKILLS

- Programming: Python, Pandas, SQL
- Cloud Platforms: AWS (Lambda, EC2, RDS, DynamoDB, CloudFormation, IAM, VPC, S3)
- Frameworks: Django, Django REST Framework, Django Channels
- Tools: Terraform, GitHub, CI/CD, Machine Learning, Web Scraping, WordPress

## EDUCATION

**Master of Computer Applications** (CGPA: 7.20) | Government College of Engineering, Karad (2017-2020)
- Technical Head, AAVISHKAR 2019 (National Level Symposium)
- Volunteer, Machine Learning & AI FDP

**Bachelor of Computer Applications** (65.28%) | Sadguru Gadage Maharaj College, Karad (2014-2017)
- Attendee: National Conference on Recent Trends in IT

## CERTIFICATIONS & LANGUAGES

- AWS Certified Solutions Architect - Associate (In Progress)
- Languages: English (Fluent), Marathi (Native), Hindi (Conversational)