



Yash Pathik

Web Developer, Cloud Engineer

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Motivated candidate working towards Cloud Computing and Web Development having strong knowledge of AWS and Frontend Development. Enthusiastic cloud computing professional with hands-on experience in deploying, managing, and optimizing cloud-based infrastructure using AWS. Strong skills in containerization, automation, and cost optimization strategies. Organized and dependable candidate successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals.

Qualification

B.E. [Computer Science & Engineering] (2016 - 2020)

- Rustamji Institute of Technology, Tekanpur, Gwalior, (M.P.)
- CGPA – 7.17

Work History

Internship, Virtusa [Chennai, India (Remote)]

- Gained practical experience in the field of Cloud Computing, applying academic knowledge to real-world situations.
- Developed professional skills through hands-on experience, including serverless computing using AWS Lambda functions and AWS Dynamo DB.
- Used CloudWatch Metrics and CloudWatch Alarms to monitor applications and infrastructure performance.
- Reduced server downtime by proactively monitoring cloud resources and addressing potential issues with the help of CloudWatch Alarms.
- Handled server load balancing and high availability using AWS Load Balancers and AWS Auto Scaling Groups.
- Acquired experience of handling authentication and authorization using AWS Cognito User Pools.

Skills

- **Cloud Computing**
 - Containers (Docker, Kubernetes), AWS Elastic Container Service.
 - Serverless Architecture (AWS Lambda, AWS Dynamo DB, AWS API Gateway).
 - Cost Optimizations using CloudWatch Metrics and X-Ray.
 - CI/CD Pipelines.
 - Authentication and Authorization using AWS Cognito.
- **AWS Expertise**

- EC2, ELB, S3, Dynamo DB, RDS, ECS, Elastic Beanstalk.
- Automation using CloudFormation.
- API Gateways.
- **Frontend Development**
 - HTML, CSS, JS.
 - Framework React.js, CSS library Tailwind.css etc.
- **Backend Development**
 - Backend Development using Node.js.
 - Framework Next.js.
 - Linux
 - SQL

Projects

- **E-Commerce Website**
 - Built an SPA e-commerce website named 'Ceramic Shop' where one can buy products made of clay.
 - React Router is used to navigate between different pages.
 - Usage of Redux for managing and centralizing app wide state and to also reduce props drilling in the website.
- **Space Tourism Website**
 - Simple website which gives the information of different moons in space.
 - Built this SPA website using React.js.
 - React Router is used to navigate between pages.
- **Car Clash 3D**
 - Built a 3d car racing game with the help of unity engine.
 - Used terrains and unity asset store to build race track and environment details.
 - Added Box Collider to detect the collision of objects.
 - For tracking progress of the race and laps covered, invisible triggers were placed.

Achievements

- **AWS Certified Cloud Practitioner (20/01/2022)**
- **AWS Cloud Practitioner Essentials (01/05/2022)**
- **AWS Academy Graduate – AWS Academy Cloud Foundations (12/09/2021)**

Languages

- **English**
 - Professional Working Proficiency
- **Hindi**
 - Full Professional Proficiency

Hobbies

- Playing Musical Instruments
- Cricket
- Volleyball