

HAMZA JAVED

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I am a Sr. Cloud Engineer with a robust background in developing and scaling high-traffic e-commerce platforms, particularly in the retail industry. With over six years of hands-on experience, I've architected and implemented resilient serverless solutions on AWS, driving performance improvements and cost efficiencies for global brands like PrettyLittleThing and Boohoo. My work is characterized by a deep understanding of microservices, cloud architecture, and the ability to deliver scalable solutions that consistently meet and exceed business objectives. Passionate about leveraging modern technologies to solve complex challenges, I bring a blend of technical expertise and practical experience to every project.

EXPERIENCE

Senior Software Engineer (Backend)

March 2020 - Current

PrettyLittleThing (E-commerce cloth selling brand)

Remote

- Spearheaded the backend infrastructure for high-traffic e-commerce platforms, optimizing microservices to handle millions of user requests during peak periods with minimal latency.
- Architected and implemented serverless solutions on AWS, including Lambda functions, DynamoDB, and API Gateway, ensuring scalability and resilience.
- Collaborated with DevOps to streamline deployment pipelines and resource management, supporting continuous delivery and efficient operations for brands like PrettyLittleThing.com and Boohoo.com.
- Contributed to the development of a marketplace application for PrettyLittleThing, enabling users to buy and sell items. Leveraged a tech stack including KoaJS, AWS Lambda, DynamoDB, S3, Bloomreach, Algolia for advanced search, React, AWS Rekognition for image recognition, and AWS Comprehend for text profanity matching. Built to handle a large number of requests during peak hours, ensuring a smooth user experience.

Sr. Software Engineer (Backend)

November 2017 - February 2019

Baskt

Islamabad, Pakistan

- Led backend development for Baskt.com, a high-traffic e-commerce grocery platform in the US, ensuring efficient and scalable architecture using Node.js and AWS services.
- Architected and deployed serverless solutions on AWS Lambda, DynamoDB, API Gateway, and S3, significantly reducing infrastructure costs and improving application scalability.
- Implemented core features for the cloudhostels.com online booking platform, optimizing backend processes for seamless user experience and real-time booking management.
- Developed and integrated RESTful APIs for front-end communication using Angular 8, enhancing performance and user experience across the platform.
- Optimized application performance by implementing advanced caching strategies and efficient database queries, resulting in a 30% reduction in response times.
- Monitored and improved system reliability using AWS CloudWatch, ensuring 99.9% uptime during peak traffic periods.
- Collaborated closely with front-end teams to ensure seamless integration and deployment of new features, aligning with agile development practices.

Software Engineer

Feb 2017 - October 2017

Micro Merger

Islamabad, Pakistan

- Migrated 5+ monolithic modules to microservices, resulting in a 25% improvement in API response time.
- Overhauled core infrastructure services, including authentication and configuration, enhancing performance for a user base of 50K+.
- Standardized logging and in-house API documentation, implemented monitoring suites, reducing cloud costs by over 15%.

- Designed and executed a custom architecture for distributed transactions across microservices, reducing data inconsistencies during failures by 80%.

OPEN-SOURCE & FREELANCE (Upwork)

- Top Seller Plus on Upwork, specializing as a Senior AWS Cloud Engineer and Backend Developer, earning over \$100K+ with a consistent 5.00 rating across multiple projects.
- Delivered a backend MVP using Python and AWS, receiving a 5-star rating for exceptional work from Oct 2022 - Sep 2023.
- Served as a Solution Architect and Backend Developer, completing the project with top reviews between Jan 2022 - Jun 2022.
- Specialized in Serverless frameworks and AWS solutions, including a project for senior-level expertise in Node.js, AWS Lambda, and Terraform from Nov 2021 - May 2022.
- Developed a NodeJS Workflow Engine with rapid turnaround, praised for speed and skill, back in Dec 2021 - Mar 2022.
- Executed a complex backend MVP with Python, AWS, and Docker, delivering quick and effective solutions with a 5-star rating from Sep 2021 - Mar 2022.
- Successfully ported an AWS EC2 pipeline to AWS Lambda, earning a 5-star rating in Jan 2022 - Feb 2022.
- Provided AWS NoSQL database engineering expertise, particularly with DynamoDB, OpenSearch, and AppSync, delivering 291 hours of work from Oct 2021 - Dec 2021.
- Mentored and freelanced on a complex AWS Lambda/NodeJS project, receiving excellent feedback from Oct 2021 - Dec 2021.
- Offered specialized Node.js scripting assistance, completing the task promptly with a 5-star review in Oct 2021.
- Developed a Node Web Scraper, earning a high rating from Mar 2021 - Apr 2021.

EDUCATION

Bachelors in Science Software Engineering, International Islamic University August 2013 - September 2017

SKILLS

Technical Skills JavaScript, TypeScript, Node.JS, Nest.JS, Python, SQL, NoSQL, Microservices, DSA, Git, Jira, Agile, TDD, Jest, Sentry, Jenkins, Github Actions, CI/CD, System Design, EC2, ECR, ECS, Lambda, S3, SNS, SES, SQS, Lambda, CDK, RDS, Athena, Glue, Azure blob storage, Queues, Azure SQL database, Azure Service bus queues, Azure durable function, Redis, Elastic Search, Algolia.

Certifications AWS Certified Developer (DVA-C02),
AWS Certified Solutions Architect (SAA-C03),
Azure Fundamentals (AZ-900) (Gearing up for it)