



# Mastering AWS Development

By Uchit Vyas



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You'll start with the basics of the AWS development platform and look into creating stable and scalable infrastructures using EC2, EBS, and Elastic Load Balancers. You'll then deep-dive into designing and developing your own web app and learn about the alarm mechanism, disaster recovery plan, and connecting AWS services through REST-based APIs. Following this, you'll get to grips with CloudFormation, auto scaling, bootstrap AWS EC2 instances, automation and deployment with Chef, and develop your knowledge of big data and Apache Hadoop on AWS Cloud.

At the end, you'll have learned about AWS billing, cost-control architecture designs, AWS Security features and troubleshooting methods, and developed AWS-centric applications based on an underlying AWS infrastructure.



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About the Author

#### Uchit Vyas

Uchit Vyas is an IT industry veteran, a Cloud technologist at heart, and a hands-on Cloud automation lead at Opex Software, for Cloud automation and DevOps. He is responsible for the delivery of solutions, services, and product development. He explores new open source technologies and defines architecture, roadmaps, and best practices for enterprises. He has consulted and provided training on various tools and technologies, including Cloud computing, Big Data, Hadoop, ESB, infrastructure automation (Chef/Puppet/Ansible), Java-based portals, and CMS technologies to corporations around the world. He has completed his engineering in computer science from Gujarat University. He worked as a senior associate at Infosys Limited in the Education and Research Team, during which time he worked on Big Data analytics, Cloud security, and virtualization. He has also published books on Mule ESB, AWS Development Essentials, and AWS DynamoDB and continues to write books on open source technologies. He hosts a blog named Cloud Magic World, where he posts tips and events about open source technologies mostly related to Cloud on [cloudbychit.blogspot.com](http://cloudbychit.blogspot.com). His Twitter handle is @uchit\_vyas.

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