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Acknowledgments

Josh Padnick

This book would not have been possible without you. You were the one who introduced me to Terraform in the first place, taught me all the basics, and helped me figure out all the advanced parts. Thank you for supporting me while I took our collective learnings and turned them into a book. Thank you for being an awesome cofounder and making it possible to run a startup while still living a fun life. And thank you most of all for being a good friend and a good person.

O'Reilly Media

Thank you for publishing another one of my books. Reading and writing have profoundly transformed my life, and I'm proud to have your help in sharing some of my writing with others. A special thanks to Brian Anderson, Virginia Wilson, and Corbin Collins for all your help on the first, second, and third editions, respectively.

Gruntwork employees

I can't thank you all enough for (a) joining our tiny startup, (b) building amazing software, (c) holding down the fort while I worked on the third edition of this book, and (d) being amazing colleagues and friends.

Gruntwork customers

Thank you for taking a chance on a small, unknown company and volunteering to be guinea pigs for our Terraform experiments.

Gruntwork's mission is to make it 10 times easier to understand, develop, and deploy software. We haven't always succeeded at that mission (I've captured many of our mistakes in this book!), so I'm grateful for your patience and willingness to be part of our audacious attempt to improve the world of software.

HashiCorp

Thank you for building an amazing collection of DevOps tools, including Terraform, Packer, Consul, and Vault. You've improved the world of DevOps and, with it, the lives of millions of software developers.

Reviewers

Thank you to Kief Morris, Seth Vargo, Mattias Gees, Ricardo Ferreira, Akash Mahajan, Moritz Heiber, Taylor Dolezal, and Anton Babenko for reading early versions of this book and providing lots of detailed, constructive feedback. Your suggestions have made this book significantly better.

Readers of the first and second editions

Those of you who bought the first and second editions of this book made the third edition possible. Thank you. Your feedback, questions, pull requests, and constant prodding for updates motivated a whole bunch of new and updated content. I hope you find the updates useful, and I'm looking forward to the continued prodding.

Mom, Dad, Larisa, Molly

I accidentally wrote another book. That probably means I didn't spend as much time with you as I wanted. Thank you for putting up with me

anyway. I love you.

- 1 Per the [HashiCorp S1](#).
- 2 Check out the [Terraform upgrade guides](#) for details.
- 3 You can find the full list of Terraform providers in the [Terraform Registry](#).