Devashish Patel

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WORK EXPERIENCE

HashiCorp, Inc.   **Remote, USA**
Senior Engineer   *May 2024 - Present*
Engineer II   *June 2022 - April 2024*

- Architected and implemented enterprise HCP Packer APIs for seamless interaction with Terraform and immutable infrastructure, resulting in a 30% increase in user adoption.
- Extend open-source Packer Plugins to standardize workflows across the cloud providers.
- Designed and implemented real-time Audit Logging functionality, increasing visibility and compliance.
- Project: **Supply chain security with image ancestry & pipeline metadata**
  - Develop a multi-tier artifact ancestry system to track the relationships between parent-children machine images and provide a workflow for revoking an image and all its descendants at once to provide better image lifecycle management.
  - Implemented automatic retrieval of CI/CD pipeline and build process metadata for tamper-resistant security in the software production process.
  - These software supply chain security features have contributed to a 460% increase in HCP Packer revenue.

Coalition, Inc.   **Remote, USA**
Software Development Engineer I   *May 2021 - June 2022*

- Revamped the services and APIs to improve runtime reliability, automation, and monolith to microservice transition with the auto-remediation system and multi-region service deployments, resulting in a 50% improvement in scalability.
- Project: **Webhooks**
  - Led the research and design for the event-driven system of automated notifications resulting in a reduction in manual effort and improving the accuracy and timeliness of important updates on quotes and policies. This product-friendly feature increased the revenue by 160%.
  - Set the architecture and best practices for the implementation with Golang, gRPC, and Kafka, led engineering-wide demo, retro, and feedback sessions, and aligned internal and relevant external product teams on solutions to address risks.

Critical Start, Inc.   **Plano, TX**
Software Engineer   *July 2018 – May 2021*

- Improved system availability by 25% and scalability by 50%, through APIs and infrastructure enhancements.
- Created a machine learning classification system to get the likelihood of incoming security events to reduce investigation time by up to 20%.
- Developed the industry leading mobile app, increasing customer engagement and satisfaction by 75%.

TECHNICAL SKILLS

- **Programming Languages:** Golang, Python, JavaScript, Java
- **Databases:** PostgreSQL, MySQL, Elasticsearch
- **Cloud Technologies:** AWS, Terraform, Packer, Vault, Vagrant, Docker, Cadence, VMWare vSphere
- **Other Tools:** gRPC, Protocol Buffers, REST APIs, Kafka, DataDog, Redis, Memcached, Logstash, Kibana, git, GitHub, GitLab

EDUCATION

- **Masters in Computer Science** from *Texas A & M University*   *May 2018*
- **Bachelors in Computer Science & Engineering** from *Gujarat Technological University*   *August 2015*