Chakshu Tandon
Software Engineer, DevOps Engineer

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Experience

The John C. Kelly Foundation | New York · https://jckfoundation.org
DevOps Engineer · Nov 2016 – Sep 2018
Software Engineer, Site Analytics Consultant · Apr 2015 - Nov 2016

- Assembled a scalable backend service mesh improving availability and decreasing manual configuration by implementing Infrastructure as Code (IaC) and automating deployments using end-to-end pipelines
- Led the transition to cloud infrastructure and microservices architecture to decouple service stack and reduce operational costs
- Used modern tooling and a global Content Delivery Network (CDN) to create a fast, reliable, and responsive website
- Migrated analytics to Elastic Stack (ELK) improving visibility and data control
- Trained colleagues to interpret logs and perform queries with various business analytics and data mining tools to derive meaning and actionable insight from vast amounts of data

Disrupt Tech Labs, LLC | New Brunswick, New Jersey · https://disrupttechlabs.com
Cofounder, Technical Director · Jan 2017 – Current

- Responsible for planning the architecture and tooling for continuous integration, monitoring, and testing including Kubernetes, Gitlab CI, Terraform, and Prometheus to build full-stack user experiences
- Supported a productive and inclusive working environment by managing two core development teams simultaneously for two 13-week project timelines
- Researched security protocols and compliance regulation such as HIPAA to protect user data
- Currently overseeing administrative goals such as incorporation, grant writing, and outreach to increase the organization footprint

Department of Mathematics | Rutgers University
Grader · Sep 2017 – Current

- Working with professors and students to create an effective learning environment and to illustrate challenging concepts in probability and linear algebra

Education

Honors College Scholar | Rutgers University – New Brunswick · GPA: 3.92/4
Recipient of two merit-based scholarships pursuing a double major with an Honors College curriculum.

- **B.Sc. Computer Science**
- **B.A. Statistics**

Skills

Technical

- Microservices architecture and container orchestration to build scalable web and API backends
- Google Cloud Platform (GCP) and Amazon Web Services (AWS) experience
- Hands-on experience with provisioning, networking, and troubleshooting Kubernetes clusters, highly-available application deployments, bare-metal load balancers, and ingress resources
- Extensive Python experience, Knowledge of C, Java, JavaScript, and Agile Development
- Routine RDBMS and NoSQL database management
- Linux command line (Bash)

Communication

- Worked as help-desk associate at a B2B service provider offering live technical assistance to clients
- Fluent English and Hindi