

Bellevue, WA
<https://dixitk13.github.io>

DIXIT KESHAVBHAI PATEL

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EMPLOYMENT

Software Developer	Oracle Corp.	Oct 2019 - Present
	<ul style="list-style-type: none">Collaborating with cross-functional teams, product management, and engineering to build and enhance web experiences for OCI Console, OCI Compute, Observability, and Monitoring products.Identify and execute improvements in existing architectures; suggest and implement best practices to drive efficiency.Built & owned products in Oracle Cloud, viz. OCI Console, Logging, Monitoring, Connector-Hub, OCI Dashboards widgets, etc.Participating in organizational roadmap planning, engineering design reviews, mentorship programs & regular hiring activities in the organization.	
Software Engineer	Cisco Systems	Sept 2016 - Oct 2019
	<ul style="list-style-type: none">Worked on CAFY, a web application based on Flask, MongoDB, MySQL, React & Redux.Independently implemented a rule based notification system, using SNS/SQS and AWS Lambda which notifies based on the latest record, insufficient state, threshold levels, etc.Designed an Admin System to grant access control for the entire organization.Spearheaded the team to achieve CATO(Cloud Allowed to Operate), a security process by Cisco, for operating in external cloud.	
Java Development Intern	Genesys Telecommunications	May 2015 - Dec 2015
	<ul style="list-style-type: none">Designed a scalable data architecture using Open-source software viz. Log-courier, Logstash, Elasticsearch & Kibana (ELK) with searchers, masters, data-nodes & indexers, ingesting 11,000 events per second.	
Senior Systems Engineer	Infosys Ltd.	Sept 2011 - Aug 2014
	<ul style="list-style-type: none">Application Developer for a J2EE application titled “VPN automation” which automates VPN order processing till the step of provisioning.Reduced redundancy in code and number of database connections by implementing a Generic Database Service in Hibernate using JAX-WS framework & Java Reflections.	
Teaching Assistant	Northeastern University	Jan 2016 - July 2016
	<ul style="list-style-type: none">Teaching Assistant for Information Retrieval in Spring 2015, Spring 2016 & Summer 2016.	

EDUCATION

M.S in Computer Science	Northeastern University	Sept 2014 - July 2016
B.E in Computer Engineering	University of Mumbai	Aug 2007 - May 2011

PROJECTS

- Covid Visualization (React, NodeJS, Redis, Heroku):** An interactive web application showcasing covid visualization KPIs progressing across the world using react & react-map-gl libraries.
- Parallel Data Processing Framework (Java, EC2, S3):** Designed & developed a Map-Reduce framework in Java, which runs on AWS EC2 with S3 as storage and also locally.
- Data Science & Big Data Analytics (EMR, S3, Java, Hadoop, R):** Analyzed Airline on-time performance datasets to predict Missed Connections, Delayed Flights, Routing Details, etc. by building models using Elastic MapReduce & Hadoop.
- Social Network Analysis (D3.js, Java):** Found the most influential people in Enron dataset by implementing algorithms such as Betweenness centrality, Closeness centrality, Floyd-Warshall and Degree centrality on a 16k graph in Java. Visualized the social network using D3.js.

LANGUAGES AND TECHNOLOGIES

- TypeScript, JavaScript, ECMAScript, React, Redux, Java, CSS/SCSS, REST, GraphQL, Python, D3.js
- Terraform, MySQL, MongoDB, ElasticSearch, Redis