Job Seeker Work Experience San Jose State University January 2018 to February 2018 Kayak Prototype- SJSU JAN 2018 - FEB 2018   Implemented hotel, flight, and car search and booking functionality along with support for vendor APIs   Developed novel techniques to do graphical log analysis   Scaled the reservation services on AWS platform to handle up to thousand queries per sec   Tech Stack- React, Redux, Node.js, MongoDB, Redis Caching, JMeter, AWS member functionalities Dropbox Prototype- SJSU November 2017 to December 2017 NOV 2017 - DEC 2017   Dropbox application that provides file saving, sharing, create folder, share folder, create group, and add member functionalities   Successfully tested the system with 1000 concurrent users with JMeter   Designed responsive layout for web pages using HTML, CSS, and Bootstrap Python, Flask, Apache2 server, Kali Linux etc Tech Stack- Node.js September 2017 to October 2017 Express.js, Passport.js, React, Redux, MySQL, CSS, HTML, JMeter, AWS   Detection System of Slow Loris DDOS attack- SJSU SEP 2017 - OCT 2017   Designed a Slow Loris attack model for a website hosted on apache2 server to conduct HTTP request attack   Detection system creates logs that help admin to take appropriate action to mitigate the attack   Tech Stack- Python, Flask, Apache2 server, Kali Linux etc. Admin can add Quick Shop Store June 2017 to July 2017 SJSU JUN 2017 - JUL 2017   Created a user-friendly web application for users to do online grocery shopping by making Searching, Viewing, and Selecting an item very easy.   Admin can add, delete or edit items through API rather than manually making changes in the database   Tech Stack- Python, AngularJS, HTML, Bootstrap, MySQL, CSS Travel Guide (Web development and scripting) Tech Stack- Python March 2017 to March 2017   Built a car ride route price estimator and comparator application to find the most economical path for a ride   Tech Stack- Python, Uber API, HTML5, CSS3, JavaScript Full Stack Developer Webcom Systems Ltd January 2016 to December 2016 Chandigarh   Built RESTful APIs and scalable backend features in NodeJS   Developed large and interactive single-page web app using JavaScript ES6 and ReactJS/Redux   Optimized SQL query plans and database schemas to improve data extraction speed by 10x   Performed verification, validation, and performance testing of the web applications as per client's requirements. Education Master of Science in Computer Networking San Jose State University - San Jose, CA

2017 to 2018 Bachelor of Technology in Electronics and Communication Guru Nanak Dev University 2016 Skills .NET (Less than 1 year), database (1 year), Django (Less than 1 year), JavaScript (1 year), Networking (1 year) Links https://www.linkedin.com/in/komaljit https://github.com/komaljit Additional Information SKILLS Languages: Python, JavaScript, Node.js Cloud Services: AWS, Docker Database: MySQL, MongoDB, Oracle, Redis, SQLite Operating Systems: Windows, Linux Frameworks: Flask, Django, Express.js, Passport.js Tools- Git, Visual studio code, WebStorm, PyCharm, Front End: React, Redux, AngularJS, jQuery, HTML5, Bootstrap, JMeter CSS3, JSON, REST Networking: OSI model, TCP/IP Stack

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