www.linkedin.com/in/jiten2
github.com/jiten-thakkar
stackoverflow.com/users/1557676/delta

JITEN THAKKAR

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EXPERIENCE

Software Engineer, Evernote   **Oct 17 - Present**

- Working on generic, multi platform and scalable user personalization platform which will help drive future growth of the company. The platform can be used for providing personalized experience, A/B testing and rolling out new features to a select audience.
- It has brought down new experiment time from a month to couple of weeks.
- We use gRPC, Protobuf, Kuberneted technologies to name a few

Research Assistant, School of Computing, University of Utah   **Jan 16 – July 17**

- Worked on Data Structure Analysis of C code for alias analysis using LLVM.
- Wrote LLVM pass to implement memory safety features in SMACK(http://smackers.github.io/) tool.
- Frequent contributor to stackoverflow questions related to LLVM

Software Engineer, Pipemonk (Formerly Zapstitch)   **May 14 – July 15**

- Worked on development of a microservice approach based modular platform for data integration. This allowed easy and fast integration of different data sources to the platform and target larger group of customer base.
- This development work led to a funding round of $2 M.

Software Engineer, Neptune IT GmbH   **June 13 – April 14**

- Developed banking solution for Home Savings bank using with Agile development techniques.

Software Developer Intern, IBM Research   **Jan 13 – Apr 13**

- Developed an efficient API in which provides electric energy consumption data to create an easy to use interactive interface that encourages users to follow suggestions related to usage of appliances.

Software Developer Intern, Google Summer of Code for Mozilla   **May 12 – Aug 12**

- Worked on networking utility tool in Mozilla Firefox as an open source developer which displays statistical data about different network protocols in the browser helpful for debugging web page performance and connectivity issues.

TECHNICAL EXPERIENCE

Projects

- **Stock Prediction –** Applied sentiment analysis techniques to stock related news articles to successfully predict stock market trends**.** Used Apache Spark for big data processing. **Project** Report: https://goo.gl/EEszfN
- **Sharded Key/Value Service** – Developed Paxos based persistent sharded Key/Value service in Golang as part Distributed Systems class.
- **Calculator Language Compiler –** Implemented compiler for a simple calculator type programming language using LLVM compiler suite. Wrote recursive descent parser in C. The implementation can be found here - http://goo.gl/UnbY17

Programming Languages and Technologies

- Java, C, C++, Go, Javascript
- Kubernetes, docker, Java Guice, Protocol Buffers, HBase, LLVM, Spring MVC, AWS, Maven

EDUCATION

Master of Science in Computer Science   **Fall 15 – Spring 17**

University of Utah, Salt Lake City, Utah   GPA - 3.6

Graduate Coursework: Distributed Systems, Big Data Computer Systems, Parallel Programming, Advanced Compilers, Computer Architecture

B.Tech in Information and Communication Technology   **Fall 09 – Autumn 13**

Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, India