

# Prasanna Kumar Srinivasachar

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## EDUCATION

### UNIVERSITY OF COLORADO, BOULDER

#### MASTER'S IN COMPUTER SCIENCE

May 2018 | Boulder, CO

Cum. GPA: 3.94/4.0

### R.V. COLLEGE OF ENGINEERING

#### B E IN INFORMATION SCIENCE

July 2014 | Bangalore, India

Cum. GPA: 8.72 / 10.0

## LINK

LinkedIn:// [prasanna25169](#)

## SKILLS

### PROGRAMMING

Java • Python • C • C++

### QUERY LANGUAGES

MySQL • PostgreSQL • NoSQL

### DATA-EXCHANGE FORMAT

JSON • XML • XSD • WSDL

### FRONTEND SKILLS

HTML5 • CSS3 • JS ES6 • JQuery • JSP •

Node.js • React.js

### IDE

IntelliJ • Eclipse • PyCharm • Jupyter

Notebook

### OTHER

Hibernate • MyBatis • DropwizardIO

## COURSEWORK

### GRADUATE

Big Data Architecture

Object Oriented Analysis and Design

Design and Analysis of Algorithms

Network systems

Convex Optimization

Linear Programming

Deep Neural Networks

Machine Learning

### UNDERGRADUATE

Algorithms

Data Structures with C

Java and J2EE

Operating Systems

Web Programming

Advanced Unix

Database Management Systems

Data Mining

Optimization Techniques

## EXPERIENCE

### HOMEAWAY.COM, INC. | SOFTWARE DEVELOPER

May 2018 - Present | Austin, TX

- Working in traveler and partner authentication, service to service authorization and user management system
- Closely involved in apps cloud migration by rebuilding a scalable and resilient authentication systems encasing on the latest applicable frameworks
- Developed runtime spam protection systems, integrated cloud based notification, migrated legacy apps to latest devops systems.
- Technologies working on - C\*, Java, React.js, Redis, Jwt, Dropwizard, Kafka

### HOMEAWAY.COM, INC. | SOFTWARE DEVELOPER INTERN

June 2017 - August 2017 | Austin, TX

- Participated in the HomeAway University program for first 2 weeks.
- Developed an payment information dashboard to swiftly analyze and resolve the payment records which failed.
- Developed using dropwizard, react, mybatis, node and internal homeaway architecture patterns.

### VIA.COM | SOFTWARE DEVELOPER

July 2014 - June 2016 | Bangalore, India

- Created full-fledged travel e-commerce site as training in 2 months.
- Integrated multiple vendor APIs to delegate the inventory content for hotels.
- Developed generic email framework scalable for multiple organisation email.
- Introduced pay later feature for the hotels.
- Built all the backend endpoints for the revamped UI experience of the site.

### DELOITTE CONSULTING LLP | BTA-INTERN

February 2014 - June 2014 | Bangalore, India

- Worked on a the integration of social media platform to company specific ERP in order to reduce the response time required for tending to customer queries using MuleSoft an iPaaS tool.

## PROJECTS

### TWITTER STREAM OPINION MINING January 2018 - May 2018 |

Boulder

- Visualization of the aspect-based opinions for a given product in real time as a heat map based on demographics using live twitter stream data.
- Developed as part of Big Data Architecture coursework.
- Developed using Spark, Kafka, OpenNLP, Google maps, Redis, Java, React.js

### MELODY MILIEU August 2017 - Dec 2017 | Boulder

- Built secure webapp RESTful endpoints based on object oriented principles, to produce song recommendation based on user history.
- Developed as part of Object Oriented Analysis and Design Principles course.
- Developed utilizing micro services pattern. Used SpringBoot, Java.

### US-36 TOLL OPTIMIZATION August 2016 - Dec 2016 | Boulder

- Built using Python, HTML, JavaScript, jQuery, CSS3, Gurobi.
- Developed an utility that would optimize the driving time with toll cost incurred by the users in US 36 highway, with options to fine tune cost and time.