

SNEHA SHRIDHAR

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1291 Vicente Drive, apt 246, Sunnyvale, California 94086

## EDUCATION

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- **M.S, Computer Engineering** *Aug 2015 - May 2017*  
*San Jose State University, GPA: 3.54/4*
- **B.E, Electronics and Communication** *Oct 2004 - June 2008*  
*Visvesvaraya Technological University, India, GPA: 3.75/4*

## ACADEMIC PROJECTS

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- **Smartphone Application Development:**
  - ✓ Developed a **Virtual Reality Game** for android using Unity 3D in C#.
  - ✓ Developed an **Augmented Reality** Art Gallery application where you can check out the paintings from the store on your wall and see if it goes with your wall color and furniture.
  - ✓ Developed an Augmented reality Tourist Guide android application, where the user can point AR camera at Point of interest, and our application gives all the information about the monument or place he is pointing at.
- Developed a Restful web service with **Spring Boot, HTML, Java** which loads and displays, static images from **MySQL**. Improved the performance of the application by using **Redis Cache** to access the images.
- Developed a school hackathon registration form with password strength validator, where students can enter their credentials and signup for the hackathon. Used HTML along with PHP to communicate with MySQL database.
- **Flood Light Controller:** Implemented a new load balancing algorithm in **java** and built a load balancer statistics viewer using **HTML** and **CSS** for the open source **SDN** controller.
- **Sudoku Validator:** Implemented single-threaded and multi-threaded Sudoku solution validator in C++ and did performance analysis of single-threaded and multi-threaded programming models.

## TECHNICAL SKILLS

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- Programming languages **Java, C++, HTML, CSS, SQL, JavaScript.**
- Tools **Eclipse, Xcode, Android Studio, Unity, Vuforia, IntelliJ**
- Networking **SDN, TCP/IP, Socket Programming.**

## PROFESSIONAL EXPERIENCE

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- **Reltio Inc., California** *May 2016 - Aug 2016*  
*Role: Software Engineer Intern*  
*Technologies: Java, Spring, JavaScript, Cassandra, ElasticSearch, Tomcat, AWS (EC2, S3), intelliJ*
  - ✓ Developing, testing and debugging Reltio cloud platform and Reltio UI.
  - ✓ Developed Reltio API features using Reltio's L3 configuration.
  - ✓ Developed Reltio UI features using Reltio's UI configuration.
  - ✓ Debugged Reltio Cloud platform and helped Reltio engineering to identify customer issues.
  - ✓ Setup tenant for Reltio Cloud platform's customers by applying L1, L2, L3 and UI configurations.
- **L-3 Communications MAPPS Inc., Bangalore** *Mar 2012 - Mar 2013*  
*Role: Systems Engineer*
  - ✓ Schematic designs of various marine control consoles.
  - ✓ Controller design to distribute control signals across the console.