

# meghana singh

✉ meghana1602@gmail.com 🌐 <http://new-beginning.me> ☎ 4087720174 📍 7542 Stoneleaf Rd, San Ramon CA 94582  
🐦 Meghanasingh16 in <https://www.linkedin.com/in/meghana-singh-85313739/> 🌐 meghana-singh

## + mission

Engineering professional looking for Web Developer roles. I'm a passionate mom, have extensive experience in hardware engineering in Microcontroller industry. Took a break to raise kids and have re-skilled myself in Full Stack Web Development. Currently interning at Bloc's Engineering team.

## + employment

### Bloc Inc.

Engineering and Grading Intern  
Feb 2018 to Current

San Francisco

Responsible for adding new features for improving Mentor and Student Success team experience.

- Added feature to the mentor dashboard to sort the students based on the next appointment.
- Added group sessions to the student's roadmap header.
- Automated the student tuition reimbursement ineligibility.
- Tests using Rspec framework.
- Responsible for resolving bugs from Bug Dashboard.
  - Debugged issues related to frontend visual errors and errors related to interview note generation.
- Participation in bi-weekly sprint
  - Picking of tasks from backlog to Upcoming and pointing the tasks.
  - Following the phabricator process to push code up for review & deploy.
- Graded students for Frontend Fundamentals in their curriculum.

### Wipro Technologies

VLSI Engineer/ Program Lead  
Aug 1999 to Feb 2011

Austin, USA / Bangalore, India

Projects:

- TI AEC-IP Validation (2005-2008) Client: Texas Instruments (TI) - AEC - Responsible for building the verification framework for the IPs, Cross-functional team interaction, 100% functional coverage.
- ARM Neon Engine Validation (2003-2005) Client: ARM Inc., Austin (USA) - Responsible for validating the Neon's multimedia pipeline.
- HBLite FPGA Board, HP-DSP Model (2002-2003) Client: HP, Singapore - Responsible for the board design and diagnostics.
- HOOK ASIC, UNITY ASIC (2001 - 2002) Client: HP, Boston, USA
- ADI Video Reference Board Projects (1999 - 2001) Client: Analog Devices Inc. (ADI)

## + web apps

### Teleioo

A To-Do application with self-destructing lists. Based on Ruby on Rails.

### WebChat

Web chat application. Based on Angular JS and Firebase.

### webAnalytics

Web analytics product with a dashboard built on Rails. Events are tracked and saved to database using client side JavaScript snippet and server side API.

### Quickipedia

Wiki application where users create wikis, collaborate, upgrade to premium along with admin rights to one user. Based on Ruby on Rails.

## + skills

### WEB DEVELOPMENT

JavaScript  
jQuery  
Angular JS  
Ruby on Rails  
HTML, CSS  
Firebase  
Git, GitHub

### VLSI ENGINEERING

Languages:  
SystemVerilog (UVM), Specman, PERL, ARM, ADSP  
Tools: VDSP, NC Verilog, VCS & ModelSim  
simulators, CVS, Clearcase

## + education

### AMACE

Bachelor of Engineering Electronics & Communication 1996

### IIT Madras

Project Associate 1999

Project Associate at the Electronics and Communication lab for Fiber in the Local Loop Project - 1996-1999.

### UCSC Silicon Valley Extension

System and Functional Verification using UVM 2015

### BLOC

Web Development - Full Stack 2017