

# Shawn D'silva

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## Objectives

To gain experience in developing web apps in an entry level position

## Skills

### Web Development Frameworks, Databases, Languages and other technologies

- HTML, CSS and vanilla Javascript
- NGINX web server
- REST APIs with Node.js, Angular 2 and above
- MongoDB, MySQL

### IT Ops & Automation related tools and technologies

- Docker
- Linux system administration and BASH Shell scripting
- Website deployments using AWS
- E-Mail server set-up and maintenance

### Embedded Systems related IDEs, Toolchains and other skills

- C Programming language.
- GCC, Make for the build system, OpenOCD and GDB for debugging
- Knowledge of UART, SPI and I2C protocols, integrated ADC, DAC, PWM controllers and Interrupts.
- Firmware written for ARM Cortex M4(TM4CGH6PMI) and M0(STM32F103C8T6) microcontrollers

## Projects

### Real time chat app

- Built a real-time chat web app using Angular 6, NodeJS, Socketio and MongoDB
- Supports User authentication via JWT and user-to-user private messaging as well as group messaging
- Friends list system used to search and add users to friends list to direct message them