

# DEEPA KRISHNAN

Phone: (111)111-xxxx  
Email: [kosalai17@gmail.com](mailto:kosalai17@gmail.com)

## Objective

To create delight in the user experience of web-based cloud products and never give up on continuous improvement in value delivered to customers

## Skills

**Programming Languages:** Javascript, HTML, CSS, Bootstrap, jQuery, C/C++, Java, Visual Basic and Visual C ++. SQL ,  
**Concepts:** Web Technologies, Node, Storage Area Networks (SAN), Systems Software,  
**Operating Systems:** OS X, Windows, UNIX, Linux

## Project/Work Experience

### *Coding BootCamp-UC Berkeley(2021)*

**COVID-Tracker:** As project lead, drove the development with the student team of an app that provides the current covid data, of any US State that an end user selects. Built using HTML, Javascript, Server-side APIs, Leaflets APIs and powered by Bulma . <https://github.com/Deeparkrish/COVID-Tracker>

**Run-Buddy:** A website that is a portal for fitness training services.  
<https://github.com/Deeparkrish/run-buddy>

**Password-Generator:** An application that an employee can use to generate a random password based on criteria that user has selected. This app will run in the browser, and will feature dynamically updated HTML and CSS powered by JavaScript.. <https://github.com/Deeparkrish/Passwordgenerator>

**Quiz Master:** An timed coding quiz application with multiple-choice questions This app will run in the browser, and will feature dynamically updated HTML, CSS powered by JavaScript and Web APIS with a clean, polished, and responsive user interface. <https://github.com/Deeparkrish/QuizMaster>.

**Git-It-Done:** A javascript web app that will search GitHub for open source projects with open issues and pull requests. Built With HTML CSS Java script HTML DOMs server-side APIs. <https://github.com/Deeparkrish/git-it-done>

**Workday Schedule Calendar App:** A simple calendar application that allows a user to save events for each hour of the day. This app will run in the browser and feature dynamically updated HTML and CSS powered by jQuery. <https://github.com/Deeparkrish/Workday-schedule>

**Weather-Dashboard:** A weather dashboard with a weather outlook for user chosen city along with the weather forecast for the next five days. Powered by Javascript, HTML, CSS, Bootstrap and server-side APIs. <https://github.com/Deeparkrish/weather-report>

**Tech-Blog:** A app that provides a CMS-style blog site similar to a Wordpress site, where developers can publish their blog posts and comment on other developers' posts as well. This app is deployed on Heroku. <https://github.com/Deeparkrish/tech-blog>

**Employee Tracker :** A command-line application to manage a company's employee database, using Node.js, Inquirer, and MySQL. <https://github.com/Deeparkrish/employee-tracker>

**E-commerce Backend :** A app that uses the latest technologies(MySQL2, Express, Sequelize) to build the back end for an e-commerce site. <https://github.com/Deeparkrish/e-commerce-backend>

**SocialNetwork api :** An API for a social network web application where users can share their thoughts, react to friends' thoughts, and create a friend list. The social network api uses a NoSQL database to handle large amounts of unstructured data. <https://github.com/Deeparkrish/social-network-api>

**Budget-tracker :** A mobile-first PWA application, that has a server and uses MongoDB as its database. Where user can enter deposits and expenses offline. Offline entries will be added to the tracker when the application is brought back online, using service workers and Indexed DB. <https://github.com/Deeparkrish/budget-tracker>

*Founder, Board Member*

**Non-Profit**

Instrumental in starting a language school for kids in the community(Aram TamilSchool). The school started with 50 students now has strength of about 250 students, Starting from pre-school to high school level. Its WASC accredited and is recognized and approved for foreign language credit for Grade 7 and above.

*Member Technical Staff*

**HCL Technologies**

Worked on the design and implementation of **SAN** (Storage Area Network) **Simulator**. The simulator software simulates storage to provide cost-effective, customizable test environment for device drivers, FC/SCSI/iSCSI protocol stacks and SAN management software. Coded a number of **Extension DLLs** for retrieving device information from an XML database. Designed **SCSI-3** Command interface (simulated) for operations like read, write, test-unit ready and error injection. Wrote and maintained documentation on the implementation for external and future use. Designed and implemented a set of **SNMP** MIBs using Win32 API. Wrote a mini application that stores information entered by user as MIBs that can be queried and displayed using standard managements tools. Used by other internal partners within the company. Involved in the testing of **JNI**'s device driver for a HBA interconnected through **EMC**'s switches with **Emulex**'s JBOD (Just a Bunch Of Disks) as the target storage. Tested for different topologies, LUN configurations, load balancing, fail-over and multi-node setup.

*Member Technical Staff*

**JNI Corp**

Designed standard programming interface based on **VI architecture** for Kernel and Name Service components. The interface is targeted for Storage Area Network NICs and enables new cluster applications that can quickly harness the communication performance of similar emerging networks. Duration: *6 months*

## Other Projects

*Graduate Scholar*

**Thiagarajar School of Management, India**

Implemented Time Management System for Aparajitha Total Solutions, Madurai. Coding in **VB 5.0** and **MS Access**

*Under-Graduate Student*

**Madura College, India**

Developed Railway Yard Management software for regular use by Computer Center, **Southern Railways**, Madurai. Coding in **Turbo C** using graphics library.

## Education

### **Master of Computer Applications**

Thiagarajar School of Management, Madurai, India.

### **Bachelor of Computer Science**

Madura College, Madurai, India.