

# SHAN SHAJI

Full Stack Developer

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## EDUCATION

**BACHELOR OF ENGINEERING, Computer Science Engineering**  
Sri Krishna College of Engineering and Technology

## QUALIFICATIONS

- **Certifications:**
  - Certified Full Stack Developer (Ruby on Rails, JavaScript) by DCT Academy, Bangalore
  - Certified Programmer (C, C++, HTML) by G-TEC, Kerala
  - CCNA (Cisco Certified Network Associate) – Pursuing
- **Programming:** Ruby, JavaScript, C, C++, Familiar with Java and C#
- **Scripting:** HTML, CSS
- **Frameworks & Libraries:** Ruby on Rails (RoR), React, Electron, Twitter Bootstrap, Semantic UI
- **Web services:** JSON, API, HTTParty, XHR object (AJAX)
- **Software tools:** Postman, Git, GitHub, MySQL Workbench, PostgreSQL, Adobe Photoshop, Macromedia Flash, Tally, MATLAB, Sublime Text

## EXPERIENCE

**FULL STACK DEVELOPER, Cybrilla** (Aug 2018 – March 2020)

- Worked on Tetone, A call center management app utilizing Data Analytics and Machine Learning
- Worked with React, ROR, SQL and PERL for application development
- <https://www.cybrilla.com>

**GRADUATE SOFTWARE ENGINEER, RubyKraft** (March 2018 – May 2019)

- Worked on multiple projects with Ruby on Rails – 1-year & 3-months experience
- Front End development using React – 1-year experience
- Worked with Electron for desktop application development
- <https://www.rubykraft.com>

**ENGINEERING INTERN, Fitkids Education and Training Private Ltd** (Jan 2017 – March 2017)

- Involved in the development of AI for children's online education
- Helped to create the website user interface as well as front end coding
- <http://www.fitkids.co.in>

## WORKSHOPS AND TRAININGS

- Incremental Design Workshop by ThoughtWorks, 2019
- Deccan Ruby Conference, Pune, 2019
- React JS, Bangalore, 2019
- MADCA Android Workshop, 2014
- Cloud Security Fundamentals training held by CSI, 2016

## PROJECTS

- **TETONE** - <https://coxv2.tetonone.com>
  - A Data analytic application empowered by Machine Learning, which helps to manage call centers
  - Revamped older Perl script application to Ruby on Rails & React based application, which made performance faster with a fresher look
  - Used various charts for better representation of data - d3js, echarts, recharts
- **DCR** - <http://dcr.hackodezo.com/>
  - An application built in Ruby on Rails and React, which eases up the work of theatre owners, producers and distributors by providing them a way to manage daily collection reports of a movie
  - Integrated Rail's Action Cable for real time features
- **Table Boy** - <https://www.npmjs.com/package/table-boy>
  - An easy to use react table with server-side pagination and server-side sorting
  - Plugin made with React for React
- **POS**
  - A desktop application built with Electron using web technologies (Ruby on Rail's API + React)
  - A Point of Sale app which helps to manage a theatre
- **Rent a Room**
  - A web application built in Ruby on Rails and pure JavaScript, which helps the user to book a room, provided by another user
  - Integrated API calling, AJAX and Bootstrap functionality to give a greater user experience.
  - Included Fat model and Skinny controller concept, throughout the application
- **E-commerce Application**
  - An E-Commerce application built in Ruby on Rails and JavaScript, which helps the user to buy products
  - Integrated API calling, AJAX and Bootstrap functionality to give a better user experience
- **Cotton Leaf Disease Detection**
  - Developed a software to detect various diseases found in cotton leaves using image processing to determine deviation from normal plant health conditions
  - Coding using MATLAB, database of diseases, implementation and testing of working software