

# YADU NANDAN

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## EDUCATION

**State University of New York, Stony Brook**

*December 2017*

Master of Science in Computer Engineering

*(Anticipated)*

GPA: 3.34/4

**Sri Jayachamarajendra College of Engineering, Mysore, India**

*September 2010 - May 2014*

Bachelor of Engineering in Electronics and Communications

GPA: 8.85/10

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, C++, Java, R-programming, Python, Perl

**Technologies:**

- **Backend:** NodeJS, Rest Framework, ExpressJS, Socket.io, PassportJS
- **Database:** MySQL, MongoDB, Redis
- **Others:** D3, Gulp, Mocha, Heroku, Android Studio, AWS, HTML, CSS, Bootstrap, Angular JS, Visualization, Pattern Recognition

## EXPERIENCE

**Robert Bosch Engineering and Business Solutions Limited, Bangalore, India**

*Aug 2014 – June 2016*

**Software Engineer, Airbags Software Team**

**Responsibilities:**

- Tool Development
- Algorithm Development for updated modules

## RELATED PROJECTS

**Chat Application (Server Side)**

A chat application, where you can create chat rooms based on your topic. Application hosted at <http://yadu-chat-nandan.herokuapp.com/>.

**Print Application (Full Stack)**

A full stack print application used to handle print requests, login, file upload, predicting nearest printer based on user location. Source: <https://github.com/yadunandan004/precoBackend> & <https://github.com/yadunandan004/papercut>.

**Joystick Application (Server Side)**

Backend Application to interface with BNO055 motion sensor to use it as a joystick for gaming purpose. Plus, handling the Live stream of the game across different platforms.

**Photo Grid Application (Server Side)**

A basic application running on EC2 instance where you can upload photos (stored on S3) and vote them. Source: <http://35.164.32.83>

**Student Activity Logger (Front End)**

A Student activity logging application written using Android Studio (Java).

Source: [https://github.com/yadunandan004/student\\_info](https://github.com/yadunandan004/student_info)

**Pictionary Game Application (Front End)**

A basic game application written using Android Studio (Java).

Source: <https://github.com/yadunandan004/MoonfrogHack>