

# Raviprakash Chandak

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## EDUCATION

National University of Singapore  
B.Comp in Computer Science  
May 2018  
4.2/5

NUS Overseas College - Silicon-Valley  
Stanford University (Exchange)  
2016-2017  
3.8/4

## COURSEWORK

Software Engineering  
Operating Systems  
Data Structures and Algorithms  
Compiler Design  
Distributed System  
Functional Programming  
Artificial Intelligence  
Machine Learning

## SKILLS

Advanced Proficiency  
• Golang • Java • Scala  
• C++/C • JavaScript  
• React • Python  
• Linux • AWS  
• Google Cloud

Intermediate Proficiency  
• Ruby/Rails • Swift  
• Haskell • Vue JS

## LINKS

Website: [Ravi Chandak](#)  
Github: [ravic1995](#)  
LinkedIn: [ravichandak](#)

## WORK EXPERIENCE

### GRAB | BACKEND SOFTWARE ENGINEER

May 2018 - Now | Singapore | GrabTaxi

- Working on improving the availability and scalability of our critical system that handles millions of booking requests every day.
- Worked on implementation of airport pickup queues with ability to handle high traffic.
- worked on implementation of custom queue and worker infrastructure scalable to upto 40K qps. With fault tolerance.
- Stack :- Golang, Python, Scala/Java, SQL, Dynamo, ElasticCache

### SIGMA | SOFTWARE ENGINEERING INTERN

Aug 2016 - July 2017 | San Francisco | Sigma

- Developed an email templating service along with an image capturing feature
- Built an upload progress manager and a 360° video player.
- Deployed imaginative buffered way to stream videos to overcome CORS.
- Implemented GrpahQL using Relay and Sangria
- Developed libraries in React/Redux to manage forms
- Stack :- React, Scala, Node, GraphQL

### TACTO | PROVIDES WITH WEB AND MOBILE APPLICATION

May 2015 - July 2015 | India | Tacto

### TEACHING ASSISTANT | NUS SCHOOL OF COMPUTING

- CS1010, CS1020, CS2010 Algorithms and Data Structures I & II

## PROJECTS

### MAX REWARD | DEVELOPER AND TEAM LEADER

May 2017 - July 2017 | Venture Ideation Program NUS | MaxRewards

Provide cumulative rewards and loyalty program based on credit card transactions.

### REKINDR | DEVELOPER AND TEAM LEADER

Jan 2017 - May 2017 | New Venture Creation Stanford | Rekindr

Photo-Album and milestone application for children with working parent.

### VODO APP | DEVELOPER AND TEAM LEADER

Aug 2015 - Dec 2015 | Software NUS CS2103T Project | VoDo

A ToDo software, with NLP and good UI/UX. A power-search to search through the tasks. Online sync with and other online platforms.

## HACKATHONS

### FACEBOOK GLOBAL HACKATHON | WEB APPLICATION, DEVELOPER | Pensieve

Represented APAC Region

A web app which takes in data in various formats and converts then into visual graphs which can be expanded on by the user.

### FACEBOOK APAC HACKATHON | WEB APPLICATION, DEVELOPER | Preetify

Won the Hackathon - 1st Place - Qualified for Facebook Global Hackathon

A web app which takes in non-JS/non-HTML5 websites from a decade ago and makes them look good and HTML5 compatible. The process is automated.