

# Vamsi Krishna Gollapudi

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## EDUCATION

### NATIONAL INSTITUTE OF TECHNOLOGY

B.TECH IN INFORMATION TECHNOLOGY

Grad. June 2018

Durgapur, West Bengal

Cum. GPA: 8.23

### VIJAYA RATNA JUNIOR COLLEGE

INTERMEDIATE EDUCATION

Grad. May 2014 | Hyderabad, India

950/1000

### ST. THERESA HIGH SCHOOL I.C.S.E

Grad. May 2012 | Hyderabad, India

610/700

## LINKS

Github:// [pandusonu2](#)

LinkedIn:// [pandusonu](#)

Facebook:// [pandusonu](#)

Twitter:// [realPanduSonu](#)

## SKILLS

### COMPETITIVE PROGRAMMING

(All usernames: pandusonu)

Peak Ratings:

Codechef: 2297(orange)

Codeforces: 1892(blue)

Topcoder: 1345(blue)

Selected Ranks:

Topcoder: 3 (Div 2 SRM 712)

Codeforces: 7 (Div 2, #478)

Codechef LunchTime: 19 (LTIME53)

Codechef long: 81 (AUG16)

Codechef Cook-Off: 87 (COOK87)

### PROGRAMMING

Experienced:

Java • Shell • Python •

C • Django • C# • Kotlin

Familiar:

JavaScript •  $\LaTeX$  • Rails •

Android Studio • Rust • Dart

## EXPERIENCE

### AMAZON | SOFTWARE DEVELOPMENT ENGINEER

August 2018 – Present | Bangalore, India

- Part of **Amazon Pay and Alexa** team.
- Working on new features for Seller Central of Amazon Pay.

### SHARECHAT | ANDROID DEVELOPER INTERN

June 2018 – July 2018 | Bangalore, India

- Part of the **Engagement** team, worked to increase user retention to 75%
- Worked on enhancing the application by modifying user experience.

### AMAZON | SDE INTERN

May 2017 – July 2017 | Bangalore, India

- Created package for centralizing global data for the **US and Japan Amazon Pay** systems.
- Resulted in the removal of duplicate items, making the overall product more maintainable and scalable.

### GNOME | GOOGLE SUMMER OF CODE INTERN

April 2016 – Aug 2016 | Online

- Worked on gnome calendar, initializing the essential **week-view** feature in it.
- It is a part of official Ubuntu release from Ubuntu 17.10.
- This was one of few projects selected for Google Summer of Code.

## PROJECTS

### SPEAK CODE | MICROSOFT IMAGINE CUP NATIONAL FINALIST

Jan 2017 – Present

Developed a Windows application to help learn to code in any spoken language.

Backend written in Ruby on Rails, by using an open sourced Online judge.

This was one of the only 30 projects selected for the Indian National finals of

Microsoft Imagine Cup 2k17.

Link to youtube video: [Speak Code](#)

## RESEARCH

### ALGORITHMS

April 2017 – June 2018

Project based on complete set partitioning for collation structure generation.

Compared existing heuristic algorithms and created a new approach using Dynamic Programming.

Polynomial runtime giving an answer with an error rate of 10% of the optimal answer.

### SEMANTIC WEB

Oct 2015 – March 2016

Developed new graph models to assert meta knowledge in web of data.

Paper accepted in IEEE ICSC 2017. [Paper later withdrawn due to lack of funds]

## ACHIEVEMENTS

- National finalist of Code-N-Counter 2.0 organized by Nagarro
- National finalist of Humblefool cup 2017 organized by topcoder
- Qualified for ACM ICPC regionals in 2016 and 2017
- Founding member of NITDgpOS