

# Karthik Ammanamanchi

Software Development Intern at Microsoft

saikarthik1211@gmail.com

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## Summary

Undergraduate Computer Science and Engineering student at National Institute of Technology Calicut.

Machine Learning and Competitive Coding Enthusiast

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## Experience

Student Member Cohort 2017 at M[Labs] - NIT Calicut

February 2018 - Present

- >Developed an app which overlays the label of the exercise the person is performing using human pose estimation in real time.
- > Used support vector machine to predict joint locations from annotated joint data and image data.
- > Used a model written in keras to get the joint locations for every frame and used the pretrained SVM to successfully predict and overlay the exercise on the video.

Executive

October 2016 - Present

- >Conducted various web development and coding workshops for the first year students.
- >Organised and have been part of several talks and workshops for the students of NITC.
- >Migrated the CSEA website to FireBase. (<http://people2.cse.nitc.ac.in/>)

Executive at Indian Society for Technical Education

July 2016 - Present

- >Conducted the coding competition - Dream Codex 16,17 as part of the technical week - Spectrum organised by the ISTE students' chapter, NIT Calicut.
- >Developed the website for Spectrum 16.

Software Development Intern at Microsoft

May 2018 - July 2018 (3 months)

Worked on developing a POC for Microsoft's mailing service which will restrict the end to end flow of delivering campaigns with localized, user-targeted and reporting enabled Emails to internal services within the organisation.

Explored Azure CMS API's and authorization and RBAC features inside Azure CMS to support storing the email templates on the cloud.

Explored how the current flow of delivering campaigns progresses.

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## Education

National Institute of Technology Calicut

Bachelor of Technology, Computer Science, 2015 - 2019

Sri Chaitanya Junior College, Visakhapatnam

Board of Secondary Education Andhra Pradesh (State Board), 2013 - 2015

Sri Chaitanya School, Visakhapatnam

The Central Board of Secondary Education (CBSE), 2013

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[Contact Karthik on LinkedIn](#)