

Curriculum Vitae

Pranav Shankar

MSc Informatics
Technical University of Munich.
STAR Program SAP SE,
Munich, Germany.
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Professional Experience

- 03/2021-09/2021 Master Thesis, Cloud Resiliency - Chaos Engineering, SAP Concur
(STAR Program Rotation -3)
- 10/2021-03/2022 Working student, Cloud Native Developer - Observability, SAP
Kyma (STAR Program Rotation -2)
- 03/2021-09/2021 Working student, Full Stack Developer, SAP Customer Experience
(STAR Program Rotation -1)
- 01/2020-06/2020 Software Development, Accolite Software India Pvt Ltd
- 02/2019-12/2019 Research Project, Machine Learning based Sentiment Analysis
System for Multiple Domains, research project collaboration of
Panjab University with King Abdulaziz University, Saudi Arabia
- 06/2018-07/2018 Software Developer, ESD Networks India (6 weeks)
- 05/2018-06/2018 Machine Learning Internship, Verzeo Edutech Pvt Ltd.

Education

- 10/2020-11/2022 **M.Sc.** Informatics, Technical University of Munich, Germany (ongoing)
- 03/2022 Certified Kubernetes Application Developer (CKAD) (LF-gnk0upqz61)
- 12/2021 Aero Edu: Agile Developer (TUM – Aero Edu)
- 09/2021 Google Cloud: Foundations, AWS Cloud Practitioner
- 08/2020 Deep Learning Specialization, Coursera (8Z3AH9Z29XLN)
- 07/2016-06/2020 **B.E.** Computer Science and Engineering, University Institute of
Engineering and Technology, Panjab University. [9.48/10.00]
- 02/2019 One M2M Developer workshop initiative under India-EU Cooperation On ICT-
Related Standardization, Policy and Legislation
- 05/2018 Microsoft Technology Associate Certification, Machine Learning (wmyKc-48CC)
- 04/2015-03/2016 12th Science Stream, St. Mary's Academy, Saharanpur [94.2/100]
- 04/2014-03/2015 10th, St. Mary's Academy, Saharanpur [10.0/10.0]

Academic Employment

02/2019-12/2019 **Research Intern**, Deep Learning and NLP, University Institute of Engineering and Technology, Panjab University, Chandigarh India

Scholarships and Awards

2020 Software Engineering Virtual Experience, JPMorgan Chase & Co.
2019 **Data Research Scholarship**, University Institute of Engineering and Technology, Panjab University, Chandigarh, India
2018 **Merit Award** for excellence in Academics, Panjab University
2017 **Best Paper** presentation at CHASCON, Chandigarh Science Congress hosted by Panjab University to encourage young researchers.
2016 **Merit Reward**, a laptop for excellence in Board Examinations by Uttar Pradesh Government, India
2014 **Merit Award** for outstanding performance and for obtaining Grade 'A1' in all the five subjects, class 10th by Central Board of Secondary Education, India

Publications and Projects

"Best Energy", a Web3 Decentralized application for peer-to-peer energy distribution.
Blockchain technology for renewable energy sharing and trading, A project for DLT4PI with Fortis Munich.

"Mobility Connect", bring all your transportation needs in one application, Software Engineering for Business Applications SEBA Masters project.

"Analyzing Varied Approaches for Forecast of Stock Prices by Combining News Mining and Time Series Analysis"- Pranav Shankar, Manika Arora, Rajat Kaushal, Iknour Singh, IEEE Conference 47222 (<https://ieeexplore.ieee.org/document/8940491>)

"Green Cloud Computing using Genetic Algorithm for Load Balancing by Considering Individual Node Metrics" - Pranav Shankar, Vidushi Arora, Pratik Joshi, J-No 49102

"Privacy and Coevolution"- Paper presentation at CHASCON (Chandigarh Science Congress hosted by Panjab University), awarded best paper

"News Analyzer, A Web Data Analysis Engine" – Intern Project at ESD India

"Review on Image Creation Synthesis using Generative Adversarial Networks by providing Textual Description" – Minor Project 7th Semester

"College Sarathi, from students for the students" – Hackathon project, All India Grand Finalist, Smart India Hackathon

Languages Hindi , English C1, German A2