

EMPLOYMENT

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| Software Engineer | SayInt.AI | August 2018 – Present |
| Speech Analytics, Email Bot | | |
| <ul style="list-style-type: none">• Improve the coverage of intent classifier from 20% to 60% and 5 intents to 37 for email bot.• Created various high scalable REST API for internal uses and (B2C) end users.• Using internal intent and entity classifier build an email bot that respond 60% emails automatically and reduce the effort of business team.• Developed speech processing pipeline using Persistent Queues and pub sub model so it can be scale horizontally without effort. | | |
| Software Engineer Intern | Adaan Digital Solutions | June 2017 – August 2018 |
| <ul style="list-style-type: none">• Worked on DUDA a framework that convert traditional non responsive site to responsive Mobile first site.• Fixed various CSS and js bugs that causes performance degradation and slow loading of site in slow internet speed with mobile phones. | | |
| Web-Development Head | SLIET Alumni Association | Jan 2016 – April 2018 |
| <ul style="list-style-type: none">• Developed Alumni portal to automate all the manual work of alumni's such as registration, meet events etc.• Developed Alumni Association site from scratch, great learning experience from development to deployment.• As a Head led weekly & monthly meetings and supervised two other junior team members. | | |

EDUCATION

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| Sangrur, Punjab | SLIET (Central Government University) | June 2014 – June 2018 |
| <ul style="list-style-type: none">• Bachelor of engineering(B.E.) in Computer Science and Engineering June 2018• Coursework: Software Foundations, Data Structures and Algorithms, Operating Systems, Databases, Computer Architecture, Artificial Intelligence, Distributed Computing OOPs.• Member of Alumni Association, Computer Science Society, Gaming Club. | | |

TECHNICAL EXPERIENCE

Projects

- **Email Bot/Chat Bot:** Email bot that recognize more than 35 intents and more than 10 entities and respond to those emails that require no manual effort of associates and can be responded with standard templates or custom specific response for each user using NLG and API call. -Python, Flask, RabbitMQ, PostgreSQL, Celery, AWS, Docker.
- **Speech Recognition Pipeline:** Speech to Text pipeline that take audio from client drive process it and write back the transcription of that file. -AWS, Linux, Window, RabbitMQ, SQLite, Python, Kaldi, NLP
- **Recruitment Process Automation:** (2002)A portal for the recruiter so they can easily start campaign find out the match score and send one click email to all candidates -Node.js, React, PostgreSQL, NLP

ADDITIONAL EXPERIENCE AND AWARDS

- **Technical Coordinator (2016 – 2017):** Organized and attended various workshop and conference under SLIET Computer Society
- **IIT Delhi:** Attended classes on Information Extraction (ML) and Android Development at IIT Delhi.
- **HackerRank:** Participated in various contests in college, 5 Star in C++, Java, Problem Solving.

Languages and Technologies

- Python, Java, , Data Structures, Algorithms, RabbitMQ, Celery, Docker, JavaScript/Node, Regex, REST, HTML, CSS
- PostgreSQL, NoSQL, ML/NLP, Information Extraction, SKlearn