# Piyush Mishra

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## EDUCATION

**DELHI TECHNOLOGICAL UNIVERSITY**
B.Tech in Electronics & Communications
May 2015 | Delhi, India
Aggregate: 73.4%

**DAV PUBLIC SCHOOL**
AISSCE, CBSE
March 2011 | Delhi, India
Aggregate: 88.2%
AISSE, CBSE
March 2009 | Delhi, India
Aggregate: 85.8%

## SKILLS

**LANGUAGES**
Proficient:
Python • C • C++ • Javascript
Java • Shell Script • HTML • CSS
Familiar:
Perl • VHDL • SQL • Assembly

**FRAMEWORKS**
Django • Flask • Bootstrap
React • Tkinter

**TOOLS**
Git • Jenkins • Jira
NPM

## LINKS

Github:// **piymis**
LinkedIn:// **piymis**

## PROJECTS

AI chatbot
Reddit bot
Terminal text editor
URL shortener
Shell utility scripts

## EXPERIENCE

**AMADEUS** | Senior Software Engineer
July 2015 – Present | Bangalore, India & Nice, France
- Developed backend components for rail webservices distribution platform handling booking & ticketing functionalities. Languages: Python & C++
- Developed web application & REST API for managing of passenger record data. Framework: Django & React. Languages: Python & Javascript
- Developed tool to migrate SOAP based test scenarios. Languages: Python & Perl
- Acting as production load coordinator for global regression teams across Bangalore, Nice & Sydney teams.
- Mentorship and grooming of interns as part of Rail Business Unit.

**MTS INDIA** | Intern
May 2013 – Aug 2013 | Delhi, India
- Developed command line interface for internal issue tracking system. Language: Python

**BHARAT ELECTRONICS LIMITED** | Intern
Jan 2013 – May 2013 | Ghaziabad, India
- Design, simulation & testing of electronic FPGA systems. Language: VHDL & C.

## RESEARCH

**I2C bus protocol design and simulation**
Sep 2013 – Dec 2013
Implemented I2C bus protocol clocked at 100 KHz on Spartan-3E FPGA board.
**Reversible logic gates**
Feb 2014 – May 2014
Implemented and simulated the design of binary decoder using CMOS transmission gates in VHDL.

## WORKSHOPS

**Agile testing asia**
Bangalore, India
Behavior driven development using Java & Python

**Texas Instruments**
New Delhi, India
BeagleBone Black development using cloud9 IDE

## AWARDS

| | | |
|---|---|---|
| 2018 | Top 10 | Futurize hackathon. Amadeus Labs |
| 2017 | Top 4 | Department Innovation. Amadeus Labs |
| 2016 | Twice | Recognised for work. Amadeus Labs |
| 2013 | Top 5 | Electronic Voting Machine, Troika IEEE |
| 2011 | Top 0.5% | IIT-JEE & AIEEE 2011 |