



Aditya Oli

System Engineer

LinkedIn /in/eradityaoli



+91 9536333782



<https://github.com/AdityaOli>



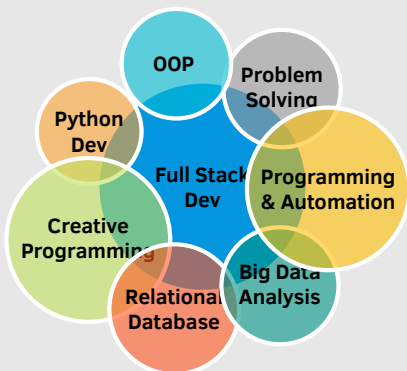
adityaoligehu@gmail.com

About Me

An adaptable and responsible graduate who aims to be a successful computer engineer through the process of constant learning and innovation, on a platform that is open to innovative ideas.

During my degree I successfully combined my studies with work and other commitments showing myself to be self-motivated, organized and capable of working under pressure. I have a clear, logical mind with a practical approach to problem solving and a drive to see things through to completion. In short, I am reliable, trustworthy, hardworking and eager to learn and have a genuine interest in Programming.

Skills



Education

- 2012 - 2016 **Bachelor of Technology, Computer Science and Engineering** Graphic Era Hill University
Dehradun, Uttarakhand, India
GPA: 8.5/10, 78.4%
- 2008- 2012 **High School & Intermediate Education** Countrywide Public School
Bageshwar, Uttarakhand, India
High School-86% , Intermediate-73%

Experience

- August 2016 - Present **System Engineer** Infosys Limited
- Designing, Building, Deploying and Managing APIs on Mulesoft Any-point Studio.
 - Creating Interactive UIs and websites with HTML5, CSS3, JavaScript, JQuery, PHP, Python Flask, KnockoutJS.
 - Designing Posters, banners, certificates, emails in Adobe Photoshop and Microsoft Publisher for the Zero Bench team.
 - Providing a sandboxed solution using APIs for untrusted code execution.
- January 2015 - June 2016 **System Engineer Intern** Infosys Limited
- Designed a travel management platform using C#.Net MVC platform. User friendly front end designed in HTML5, CSS3, Bootstrap, Javascript, PHP, JQuery.
- June 2015 - August 2015 **Research Intern** RWX Technology Private Limited
- Implemented tracking and predicting the next positions of an object in a static video using the Kalman Filter. Project was implemented in MATLAB and was based on studying the implementation of the Kalman Filter on bouncing bodies.

Projects

- **Building and breaking a python sandbox**
This analyses how to build a sandbox to trap in untrusted python code using language level sandbox techniques.
- **Execute untrusted code online using the Hackerrank API**
Takes student/untrusted user's language code (limited number of languages) as Input, and lets it execute on safe hackerrank servers and produces output.
- **Tweety**
A twitter data fetching application built using python and flask, that talks to the twitter API, and allows the Logged In user to tweet, view last 10 tweets, search using @mentions, search using #hashtags and search using simple text.
- **Shopkeeper Management System**
A mini project for supermarkets and shopkeepers where authorization, functionalities, and authentication was implemented based on user privileges.

Interests

Research

Python Programming

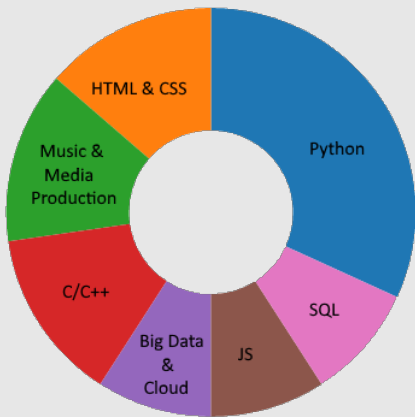
Cloud Computing

UI Design

Software Development

Web Development

Languages



Strengths

- Curiosity to learn.
- Adaptability.
- Persistence.
- Creativity.
- Leadership Skills.

Spoken Languages

- English.
- Hindi.
- Kumaoni(dialect).

Personal Info

- **DOB** : 09 February 1994.
- **Parents** :
Mrs.Munni Oli
Late.Mr.Harish Chandra Oli.

• Student Attendance Management System

The faculties could update the attendance of the students and the students could anytime, anywhere view their attendance.

• Designing a course module for Virtual Teaching

A capstone project completed for the Specialization in Virtual Teaching, a specialization provided by the University of California(Irvine) through Coursera.

• Sentimental Analysis on Twitter Dataset

Big Data Implementation using the Affin Dictionary to analyse the emotional quotient of a tweet and find out whether the person is happy, sad, depressed, etc.

Certifications

- Introduction To Python.
- Introduction to the Design of Everyday Things.
- Introduction to Physics.
- Introduction to Algebra.
- Introduction to Human Psychology.
- Introduction to Guitar.
- The Science and Technology behind Astronomical Discovery.
- Creative programming for digital media and mobile apps.
- Programming for Everybody.
- Introduction to Music Production.
- Virtual Teacher Specialization.
- Google Cloud Platform Systems Operations Specialization.
- Codecademy - Sass, Javascript, PHP, HTML & CSS, Python.

Curricular Activities & Achievements

Co-Curricular

- Member of the editorial team for the university newsletter. Participated in English play The Merchant Of Venice,
- Debate Team and Extempore, Poster Designing Competition, IT Quiz(Third position), Group Discussion(Third Position), Debate(Second Position), Spell-Bee(First Position).
- Organized various aptitude quizzes in the university.

Extra-Curricular

- Freelance Web Designing, Music and Media Production.
- Speaker at the *IEEE workshop on Technology Enabled Learning*.
- Anchored for the latest image building advertisements on the university radio. Member at M.A.D- university chapter.
- Student Placement Representative and Student Head for Online Course Programme.
- Vice President CSI student chapter.
- Produced and Edited Music for college fests,did Animation and designing for the university videos and certificates.
- Script And Dialogue Writer for Aaina, Theatre Club.
- Ex-Centre Head for Aahvan-Ek Pehal NGO's Dehradun Chapter.