

Animesh Mohanty

Developer

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A driven and enthusiastic undergraduate, with a passion for web development and solving real world problems with Artificial Intelligence

EDUCATION

Bachelor of Technology in Computer Science and Engineering

SRM Institute of Science and Technology

2016 – 2020

86.86%

Grade XII - Senior Secondary

Mother's Public School - CBSE

2015 – 2016

78.8%

Grade X - Secondary

Delhi Public School Kalinga

2013 – 2014

95%

INTERNSHIP EXPERIENCE

Software Engineer- FTE Intern

Societe Generale

01/2020 – Present

Achievements/Tasks

- Built APIs using Flask and Frontend with React. Connected to database using sqlite3 and postgresQL.
- Learnt and implemented CRUD Operation in ASP.NET Core Web API with Entity Framework Core.
- Successfully implemented and submitted a proof of concept for migrating the existing system written in SSIS package to a .Net or python based app for automating and modernizing the process.

Trainee Intern

National Aluminium Company(NALCO)

11/2018 – 12/2018

Achievements/Tasks

- Web Applications development using webforms in ASP.NET with C# and MSSQL, achieved LOA.
- Built project on company asset management which includes assets like guest house, hospitals, inventory etc.

Deep Learning Research Intern

Indian Institute of Technology Bhubaneswar

05/2018 – 07/2018

Achievements/Tasks

- Comparative study on Neural Network Classification Models, achieved a minimum of 90% accuracy on all algorithms meant for iris,mnist and other popular datasets.
- Achieved Letter of Appreciation.

SKILLS

C++

Python

NLP

Machine learning

HTML, CSS, Javascript,JQuery

Flask

Bootstrap

ReactJs

Git

POSITIONS OF RESPONSIBILITY

IEEE SRM Student Chapter (09/2019 – Present)

Chairperson, founder of R&D Wing- Executive Committee

IEEE SRM Student Chapter, KTR (05/2019 – 09/2019)

Vice Chairperson ,founder of R&D Wing - Executive committee

IEEE SRM Student Chapter, KTR (09/2019 – 05/2019)

Administrative committee member,

PROJECTS

1. Comparison of Neural Network Classification models using multiple algorithms and various datasets (05/2018 – 07/2018)
2. Web Application on Company Asset Management Systems using MSSql,C#. (11/2018 – 12/2018)
3. Extractive Text Summarization using NLP (07/2019 – 09/2019)
4. RICogNEyes: Real time image capturing cognitive eyes. Simple interface webapp for blind people helping them interact with the world with the help of computer vision and audio. (11/2019 – 12/2019)
5. Responsive Top 25 recommendations Website with Bootstrap along with its CSS and JavaScript components with use of JQuery, and CSS preprocessors Less and Sass,built and deployed using npm scripts and taskrunners Grunt and Gulp. (03/2020 – 04/2020)
6. Responsive Restaurant frontend using mobile-first approach as a project to learn and master ReactJs by approaching both class and functional components following proper component lifecycle,and making use of virtual DOM,react-routers,controlled & uncontrolled forms, React Redux forms,Redux-Thunk,Client-Server Communication and Fetch. (04/2020 – Present)
7. SpeechSumm: The Speech Summarization system for Speech-to-Text(DeepSpeech2) followed by abstractive summarization(AMR Graphs) followed by Text-to-Speech(gTTs engine). (01/2020 – Present)

PUBLICATIONS

Title

Real-Time Speech-to-text / Text-to-speech converter with Automatic text summarizer using Natural Language Generation and Abstract Meaning Representation

Author(s)

Dr KP Vijayakumar, Animesh Mohanty,Hemant Singh

30/04/2020

International Journal of Engineering and Advanced Technology,
Volume-9 Issue-4

Paper ID- D7911049420

ACHIEVEMENTS

IEEE Outstanding Student Chapter Award

The Student Chapter headed by me was awarded as the IEEE Outstanding Student Chapter by IEEE Madras Section

Google foo.bar invitation

Got an invitation for the coveted secret hiring challenge of Google namely foo.bar and successfully completed 3 levels.

IEEE Research grant and membership rebate

Idea of forming a separate R&D wing and initiating myriad projects helped me win a research grant of \$5000 for the student branch and roping in close to 150 members helped me win a membership rebate of \$100 and we were declared the second largest student chapter in our section

COURSES & CERTIFICATIONS

Machine Learning

deeplearning.ai,stanford university,coursera

Frontend Web UI Frameworks - Bootstrap

The Hong Kong University of Science and Technology, Coursera

Frontend Web Development with React

The Hong Kong University of Science and Technology, Coursera

JP Morgan Chase Software Engineering Virtual Experience

JP Morgan Chase, InsideSherpa

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

Odia

Native or Bilingual Proficiency

Japanese

Limited Working Proficiency

INTERESTS

Artificial Intelligence in Healthcare, Edtech and Fintech.

Full Stack Web and Mutliplatform Mobile App Development

Natural Language Processing

Japanese Language, Culture,Animation