

Karthik Nayak

✉ nayakkarthik466@gmail.com  [github/karthik-nayak98](https://github.com/karthik-nayak98)  [linkedin/karthiknayak98](https://www.linkedin.com/in/karthiknayak98)

Relevant Experience

Programmer Analyst @ Oracle Cloud

Sept 2020 – Present | Bangalore, India

- ▶ Worked on a python script which reads email from the mailbox and processes it, based on the mail subject and then it create, update or close the request in the portal.
- ▶ Developed python scripts for automation of different operational tasks.
- ▶ Worked on operational tasks serving customers from different parts of the world.

Developer @ Open Source Contributor

January 2021 – Present | India

- ▶ Participated in the open source program called **GirlScript Summer of Code** during March 2021 - June 2021.
- ▶ Created GitHub actions for the repository and also contributed to some small projects like Simple-icons, NeoAlgo, Make-Math-easy.

Education

N.M.A.M Institute of Technology

Bachelor of Engineering in Computer Science

2016 - 2020 | Udupi, India

CGPA: 9.10 / 10.00

- ▶ Learned different subjects like:
 - Operating Systems • Database • Networking
 - Data Structure & Algorithms
- ▶ Was a part of the team **Crack the Campus** from 2019-2020, which provides training to the students for their placement preparation.

Skills

Programming Languages

JavaScript • CSS • HTML • Python

Libraries & Frameworks

React • Tailwind CSS

Tools & Platforms

Git • Heroku • Firebase

Projects

Picstagram | Website, GitHub

- ▶ Picstagram is photo uploading platform where users can upload or delete the photos they have uploaded.
- ▶ All users can view, like photos, also check the profile of any user.
- ▶ It is built with **ReactJS, TailwindCSS & Firebase**.

Shoppy | Website, GitHub.

- ▶ Shoppy is an e-commerce application where users can buy items from a shop.
- ▶ Users can add or delete products in cart, checkout and pay, sign in or sign out etc.
- ▶ It is built with **ReactJS, CSS3, Firebase & Stripe API**.

YouTube Clone | Website, GitHub.

- ▶ A minimal clone of YouTube developed where users can watch most popular video, search video by any keyword.
- ▶ Users can comment on video once they are signed in using Google.
- ▶ It is built with **ReactJS, TailwindCSS, & YouTube v3 API**.

WebChat | Website, GitHub.

- ▶ A chat application runs in browser where users can send message in a groups/room.
- ▶ User can create his own room and also delete the room he created.
- ▶ It is built with **ReactJS, TailwindCSS ExpressJS & Socket.io**.

N-Queen Visualizer | Website, GitHub.

- ▶ N-Queens problem is to place n-queens on an NxN chessboard such that no queens attack each other.
- ▶ This project is the simulation of the backtracking algorithm for different board size.
- ▶ It is built with **HTML5, CSS3 & JavaScript**.

TIC TAC TOE | Website, GitHub.

- ▶ Tic Tac Toe is a game played between two people where 1 player marks 'X' and the other marks 'O'.
- ▶ **Minimax** is a backtracking algorithm which is used in decision making and game theory to find the optimal move for a player.
- ▶ It is built with **HTML5, CSS3 & JavaScript**.