

# Karthik Nayak

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## WORK EXPERIENCE

### ORACLE CLOUD | PROGRAMMER ANALYST

Sept 2020 – Present | Bengaluru, India

- Developing a UI using HTML, CSS, Javascript and also a working a bit on the backend using servlets, jsp.
- Working on the email processing system which segregates the mail and also creates a request in the portal.

### OPEN SOURCE CONTRIBUTOR | DEVELOPER

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

Branch: Computer Science

Graduated August 2020 | Udupi, Karnataka, 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.
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## SKILLS

### TECHNICAL SKILLS

Proficient with:

C • C++ • HTML5 • CSS3 • JavaScript • Linux

Git • Vim

Familiar with:

ReactJS • TailwindCSS • GitHub Actions • Firebase

## FUN FACTS

### INTERESTS & HOBBIES

Reading • Investing • Cricket • Football

## TECHNICAL PROJECTS

### PICSTAGRAM | Website, GitHub.

- Picstagram is photo uploading platform where users can upload photo.
- Users can view, like any photo and delete photos which they have uploaded.
- 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, check-out and pay, sign in or sign out etc.
- It is built with **ReactJS, CSS3, Firebase & Stripe API**.

### YOUTUBE CLONE | Website, GitHub.

- A clone of YouTube developed using Google API.
- Users can watch most popular video, search video by keyword, comment on video.
- It is built with **ReactJS, TailwindCSS, & YouTube API**.

### N-QUEEN VISUALIZER | Website, GitHub.

- In N-queens algorithm, NxN board we need to place N queen's in such a way that's no queens cross each other.
- This project is the simulation of this backtracking algorithm.
- 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 that is used in decision making and game theory to find the optimal move for a player.
- It is built with **HTML5, CSS3 & JavaScript**.

### TODO APP | Website, GitHub.

- It is a simple web-app which stores the tasks entered by each user.
- Login and Logout feature is also implemented using Firebase as back-end.
- It is built with **ReactJS, CSS3 & Firebase**.