

# NIKHIL B

<https://github.com/Nikhil0307>[Portfolio](#)

## EDUCATION

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CHENNAI,INDIA

VELTECH MULTITECH

AUG 2019 - APR 2023

- **Major:** COMPUTER SCIENCE ENGINEERING , B.E (CGPA: 8.34)
- **Programming CourseWork:** Data Structures & Algorithms, Operating System, Computer Networks
- **Projects:** Recipe Web Application, Gmail Application, Vehicle performance Prediction

## EMPLOYMENT

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SDE, Project Trainee

ZOHOCORPORATION

AUG 2022 - PRESENT

- POC of achieving distributed cache in app servers by a master slave architecture, GRPC for cross-language support.
- Machine learning, deep learning, neural networks models are serialized and unified using ONNX.
- Created a recipe web application using java spring and optimized search suggestions using caching, learned about making applications distributed and .
- Leveraged Knowledge in Java servlets, java struts, java spring, MySQL internal working, Elastic search, GRPC, Machine learning overview, pickle(python) internals, ONNX, HDFS.

SDE, Summer intern

ZOHOCORPORATION

APR 2022 - MAY 2022

- Implemented a simple gmail clone backend application with crud operations using php.
- Developed a tic-tac-toe game with 3 levels of difficulty and implemented min-max algorithm for difficult levels and then optimized further using alpha-beta pruning.
- Created a simple cab booking application with a short time span of 1 day.
- Leveraged Knowledge in PHP, dynamic programming, MySQL, JVM( java )

## SOFTWARE PROJECTS

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**PERSONAL WEBSITE :** <https://nikhil0307.github.io/nikhil.github.io/>

### RECIPE WEB APPLICATION

- Developed a Recipe web application using struts, servlet and spring in backend to gain knowledge on how to work with an old app server running on struts integrated with spring technology.
- Designed and implemented a cache to reduce the backend calls.
- Optimized search module in application using elastic search.
- Utilized: java, struts2, servlets, spring, MySQL, HTML, CSS,caching, elastic search,

### CAB BOOKING WEB APPLICATION

- Designed and developed a simple cab booking application using php and mysql for backend.
- Used MapBox API for map for user/ customer to select the location and driver to get directions.
- used twilio API to send OTP to the registered mobile number of the user for logging-in.
- Utilized: PHP, HTML, CSS, MySQL, MapBox, twilio

## SKILLS

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**Software:** java, python, spring, servlets, struts, MySQL, Elastic Search, GRPC, HDFS, javaScript, HTML/CSS, GIT.