

# ATHARVA PATIL

2023 CSE Graduate

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## WORK EXPERIENCE

Software Engineer Trainee Jul'23 - Dec'23

**RackWare Technologies Private Limited**

- Contributed significantly to the Swift product at RackWare Technologies.
- Researched and successfully implemented a new feature in Swift for GCP Artifact Registry which supports the migration of Docker and Python packages over GCP cloud.
- Spearheaded the implementation of Command Line Interface (CLI) enhancements and orchestrating pivotal action changes to support GCP Artifact Registry compatibility.
- Additionally, played a key role in the augmentation of the REST API client codebase.

Software Engineer Intern Jan'23 - Jun'23

**RackWare Technologies Private Limited**

- Conducted testing of a Block Filter Driver in a Kubernetes environment.
- Contributed to a research initiative resulting in the documentation of dynamic cluster provisioning using Red Hat OpenShift Service on AWS (ROSA).
- Conducted an exhaustive investigation and subsequently documented the intricacies of Azure Artifact Registry support.

## EDUCATION

B.Tech in Computer Science & Engineering

**Walchand College of Engineering, Sangli**

Aug 2019 – June 2023    CGPA - 8.34/10.0

Vyankatrao Jr. College (Class XII HSC)

**Ichalkaranji, Maharashtra**

July 2017 – May 2019    Percentage - 83.38%

Takshila School (Class X SSC)

**Sangli, Maharashtra**

March 2017    Percentage - 93.10%

## PROJECTS

Self Driving Car

**C++, OpenCV, Arduino Programming**

- Engineered a prototype model of a Self-Driving Car.
- Autonomously detect lane ends, respond to stop signals, and execute U-turns with precision.
- Integrated functionalities for automatic recognition and left and right turns, along with obstacle avoidance.

AlgoVisualizer - Sorting Algorithm Visualizer

**ReactJs, Styled Components, Material UI, ViteJs**

- Dynamic visuals follow First Last Invert Play (FLIP) for smooth transitions.
- Animator represents data blocks, showcasing color transitions and swaps.
- Provides an interface for comparison of 11 different sorting algorithms.

## SKILLS

ReactJS   JavaScript   C++  
Java   C   SQL   HTML  
CSS   Tailwind CSS   Docker  
Protocol Buffers   Kubernetes

## TOOLS

Git   GDB   Jira   Vim   Postman

## PROFILES

AtharvaP-251

**GitHub**

patharva266

**HackerRank**

## COURSEWORK

- Data Structure and Algorithms
- Operating Systems
- Database Management System
- Computer Networks

## ACHIEVEMENTS

- Shortlisted in Top 5 among 36 teams at Sahaj Hackathon
- Winner at Intra, Runner Up at Mini Intra (Non technical events by SOFTA Club, Walchand College of Engineering)

## EXTRA CURRICULARS

- Volunteered Industry Meet 2022
- Led the design team of Platinum Jubilee Meet 2022
- Anchored and Managed the Fifth National Research Symposium on Computing
- Part of team in organizing ACM Hackathon 2021 and RSC 2022