Himanshu Dhakate

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EXPERIENCE

Growthpal   3-May-2021 – 3-Aug-2021
SWE-Intern   Pune,Maharashtra

- Worked on **Data aggregation** and **processing pipeline for Data Warehouse.**
- Worked on **architecture design** for analytics program for accessing data.
- Built pipelines to bring data from **AWS Athena** to **Elastic Search**.
- Built the pipeline for **web-crawling** and periodically updating the data.
- Worked on serving ad-hoc data requests from the business team.

Microsoft Technology Associate   21-Jan-2019
Student Trainee   Pune,Maharashtra

- Learnt some basics of **Cybersecurity** and **security layers**.
- Learnt about **operating system security**.
- Learnt about **Network Security** and **security software**.

PROJECTS

Path Finding Visualizer

- Visualizing tool that shows us how path finding algorithms work.
- The objective is to show the working of a path finding algorithm visualizing path from start node to the end node.
- User can set the position of the start node and end node in given cells.
- User can draw walls by clicking or holding mouse over cells. The walls drawn will be avoided by the algorithm.
- Beautiful animations to show how path is visualized by an algorithm.
- Once the algorithm has found the end cell the optimal path will be illuminated avoiding the obstacles.

Controlled Conduct Employee System

- A distributed application, developed to maintain the details of employees working in any organization.
- Streamlined daily operations.
- Crucial work-related and important personal information about an employee. In a nutshell, it is an online inventory of all employees of an organization.
- Embedded CRM modules using advanced DBMS integration driver.
- A well-designed database to store employee information.

EDUCATION

National Institute of Technology, Karnataka, Surathkal   2021 - Present
Masters of Technology   Computer Science and Engineering

D.Y. Patil College of Engineering, Pune   2017 - 2021
Bachelor of Engineering   Information Technology

- **CGPA**: 8.39 / 10

P.M.B.S Junior College, Nagpur   2017
Higher Secondary Certificate   Science

- **Percentage**: 71.23 / 100

SKILLS

Programming Languages : Python, C, C++, HTML/CSS, SQL, Java
Technical : Data Structures and Algorithms, OOPS, Competitive Programming, Web-Scraping, Data analysis, Machine learning

ACHIEVEMENTS

Graduate Aptitude Test In Engineering(GATE)   Feb 2021
All India Rank 575 among 101922 candidates   Computer Science and Engineering

- **Score**: 722 / 1000

TCS National Qualifier Test   Oct 2020
Scored 1420.34 / 1800 in Aptitude

Microsoft Technology Associate   Jan 2019
Passed MTA exam in Security Fundamentals

PUBLICATION

- Bhavika Pawani, **Himanshu Dhakate**, Hrishikesh Hajare, Yusuf Vanwala, "PATH FINDING VISUALIZER", IJRAR - International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.8, Issue 2, Page No pp.273-276, May 2021, Available at : link

CERTIFICATIONS

- **Microsoft Technology Associate** Security Fundamentals

- **Python Programming** Udemy

- **Java Programming** Udemy

INTERESTS

- Machine Learning
- Data Science
- Artificial Intelligence
- Competitive Programming
- Linux

- Cybersecurity
- Networking
- Web development
- Algorithms
- Cloud Computing

LANGUAGES

- English
- Hindi
- Marathi