

Parthvik Ajmera

parthvik2000@gmail.com | 7013622191

EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY

BTECH IN COMPUTER SCIENCE
Cum. GPA: 8.4 / 10.0
March 2023

SCALER ACADEMY

COMPUTER SCIENCE
Jan 2021- Mar 2022
Data Structures and Algorithms

LINKS

Github:// Parthvik
LinkedIn:// Parthvik Ajmera

COURSEWORK UNDERGRADUATE

Problem solving C++
Java
Web Development
Javascript
Object Oriented Programming
Methodology
React
Agile
Waterfall
Strong understanding in Data
Structures and Algorithms
Python Programming
Operating Systems

SKILLS

PROGRAMMING

Over 5000 lines:

Java • Shell • Python • Javascript
• C++ • CSS • Android •
React • NodeJS • HTML •
GIT • FastAPI • Kafka •
REST • Websockets

Over 1000 lines:

• Latex • C • MySQL

EXPERIENCE

Brane AI | Fullstack Dev

Present

- Enhanced platform efficiency by 20X, converting multimedia content into integrated solutions using Python, GIT, and RDP.
- Applied technologies including Kafka, REST, MongoDB, Neo4J, S3, and Redis for improved performance and scalability.
- Utilized 13 ML Ops GPUs, Ray Serve, and Kubernetes for distributed computing and machine learning operations.
- Acquired data science knowledge covering ML, DL, NLP, FastAPI, and websockets.
- Expanded solution's language support to 91 languages, broadening global reach.
- Served as a Full-stack Developer with DevOps responsibilities, overseeing end-to-end system functionality.

Oracle | Software

Jan 2023 - July 2023 | Bangalore IN

- Contributed to the production line for DCW and client tools, including building, testing, Automations and Scheduling.
- Mentored team members in troubleshooting bugs and completing assignments.

Scaler | Tech/Management

July 2023 - Nov 2023 | Bangalore, IN

- Product Enhancement: Collaborate closely with the product and operation teams to enhance the User Experience of the Drona Product.
- Team Leadership: Manage a team of 60, ensuring their productivity and development.
- Implemented proxy servers as a scalable solution to address high density concurrent video streaming overloading WiFi access point bandwidth capacity and causing poor stream quality and latency.

PROJECTS

Pmjobs | HTML, CSS, JavaScript, Airtable, SQL

Jan 2023 - Mar 2023

- Developed an all-in-one job listing website specifically for product management roles in India that has attracted over 7,000 unique users
- Ensured an appealing and user-friendly interface for optimal user experience
- Made significant contributions to project's functionality and user experience through website design, database management, and interface optimization

SecureIt | HTML, CSS, JS, Python, ML Libraries

July 2022 - Nov 2022

- Worked on SecureIt project to create a website with face recognition capabilities to enhance security
- Developed algorithm that alerts users when an unidentified person enters a house
- Utilized machine learning algorithms to enable face detection even when masks are worn, improving security at the doorknob
- Created face recognition system integrated into website to identify people entering houses
- Enhanced home security measures through innovative application of face recognition and machine learning technology

AWARDS

- Received Certificate of Excellence in 2022 from Coding Ninjas for proficiency in Data Structures and Algorithms
- Participated in Google Hash-code 2022 programming competition and scored in top 52 out of 10,000 entries globally