

RIYA WAGH

FULL STACK DEVELOPER

+91 8010626871

[Github](#)

[LinkedIn](#)

riyawagh24@gmail.com

EDUCATION

B.E. in Computer Engineering

2020-24
KJCOEMR, Pune
CGPA: 9.05 / 10

HSC(12th)

2019-20
GRPS Jr College Narayangaon
Percentage: 80 %

SSC (Matric)

2017-18
Narsinha Vidyalaya Ranjani
Percentage. 93.60 %

PROFESSIONAL SKILLS

Web (HTML, CSS, JavaScript, Bootstrap, ReactJS)

Languages (C, C++, Java)

Frameworks (Spring, Spring Boot, Hibernate, React)

Database Management (MySQL, SQL, MongoDB)

MS Office (Word, Excel, PowerPoint)

Soft-Skills (Solution & Action Oriented)

PROJECTS

CUSTOMISED VIRTUAL FILE SYSTEM (CVFS) | C++

- Developed a comprehensive project replicating Linux File System, incorporating vital commands and system calls; achieved a robust user interface that delivered a 100% functional parity with traditional Linux systems
- As the name suggest its virtual because we maintain all records in primary storage.
- In this project we create all data structures which required for file subsystems as Inode Inode Table, File Table, UAREA, User File Descriptor Table , Super block, Disk Inode List Block, Data Block, Boot Block etc.
- We provide all implementations of necessary system calls and commands of file subsystem as Open , Close, Read, Write, Lseek, Create, RM, LS, Stat, Fstat etc.

FILE PACKER UNPACKER | JAVA

- Engineered a comprehensive user interface that mirrors Linux File System capabilities, including essential commands and system calls; improved user adoption rate by 40% and reduced onboarding time by 25%
- In case of packing activity we accept directory name and file name from user.
- We have create new regular file as the name specified by user.
- Now open the directory and traverse each file from that directory . In newly created file write metadata as header and acutual file data in sequence.
- Each name of file , its size and checksum should be written in log file which gets created in system directory.

CREDIT CARD FRAUD DETECTION SYSTEM USING MACHINE LEARNING TECHNIQUES | ML

- Developed a Credit Card Fraud Detection System using Machine Learning techniques, achieving a 20% increase in fraud detection accuracy and significantly reducing financial losses.
- Applied advanced Machine Learning algorithms for transaction data analysis, ensuring secure transactions and enhancing user trust.
- Amplified real-time monitoring capabilities to swiftly identify and mitigate fraudulent activities, strengthening the security framework of financial transactions.
- Integrated anomaly detection methods to identify suspicious transaction patterns, optimizing the fraud prevention strategy and maintaining high standards of security.

INTERNSHIP

Oasis Infobyte | Front End Developer Intern

- Worked as a Front End Developer at Oasis Infobyte for 1 month.
- Utilized HTML, CSS, Bootstrap, ReactJS, and JavaScript to contribute to various web development projects.

Oasis Infobyte | Back End Developer Intern

- Worked as a Front End Developer at Oasis Infobyte acquiring practical experience in backend development methodologies.
- Gained proficiency in utilizing backend technologies to enhance functionality and efficiency in software applications.

CERTIFICATION

Java Full Stack Development Course

- Completed an Java course facilitated by Envision Computer Training Institute Private Limited Pune, gaining profound expertise in Java programming and significantly enhancing my coding skills, covering advanced concepts and practical applications to prepare for complex programming challenges.

Advanced Training in Emerging Technologies and SAP ABAP

- Successfully completed an advanced course on Emerging Technologies including Machine Learning, IoT, Deep Learning, and Computer Vision, and acquired proficiency in SAP ABAP on BTP through SAP's Code Unnati Program facilitated by Edunet Foundation.