KAUSHAL VARMA

- Gmail - LinkedIn - GitHub   Scalar   LeetCode

EDUCATION

Savitribai Phule Pune University   Pune, Maharashtra, India
Electronics and Telecommunications   *August 2017 - July 2021*

Scalar Academy   India
Software Engineering   *October 2023 - May 2024*

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript, HTML/CSS, SQL
Libraries and Tools: Git, Postman, ExpressJS, ReactJS, NodeJS, SQL server Management Studio
Standard Architectures: Client-Server

Soft Skills: Adaptability, Communication, Critical Thinking, Problem Solving, Self management, Willingness to learn

WORK EXPERIENCE

Software Engineer
Infosys Finacle, Maharashtra, India   *Dec 2021 - Oct 2023*

- Worked on developing an application within the Fintech division from scratch
- Contributed significantly to front-end and back-end development, reducing user onboarding time and status updates by 50 percent primarily focused on Java backend.
- Actively involved in API creation, enhancing data accessibility, and streamlining processes.
- Leveraged a tech stack including HTML, Java, CSS, Bootstrap, Spring Framework, and more for these tasks.
- Adopted low-level design principles.
- Collaborated with cross-functional teams to enhance test scenarios and optimize the user interface of the IBSC Web application, resulting in a remarkable 60 percent increase in user satisfaction..
- Designed and implemented selenium WebDriverIO test suites, which led to a 50 percent reduction in testing time, significantly improving automation efficiency by incorporating Agile development methodology.
- Spearheaded test case scenario optimization for the Finacle application, achieving a substantial increase in automated testing coverage from 30 percent to 50 percent of the functionalities.
- Leveraged a tech stack including Selenium WebDriverIO, JavaScript, and the Mocha Framework to accomplish these tasks.

Intern in Embedded systems
PPCRC (International Institute of Information technology, Pune), Maharashtra, India   *June 2018 - Oct 2018*

- Worked as a research intern at the PPCRC facility.
- Demonstrated a deep understanding of electronics fundamentals and worked with Arduino and Raspberry Pie.
- Proficiently executed soldering and breadboard mounting techniques.
- Successfully contributed to efficient and functional electronic circuit design.

PROJECTS

- **Seizure Detection using EEG**, With the help wireless sensor networks we designed and developed an alert system that detects epileptic seizures.
- **Driver Drowsiness Detection System**, In this system, we proposed to reduce the number of accidents caused by driver fatigue and thus improve road safety using image processing and sensor data analysis
- **White Board Application**, User is able to draw and write anything on the blank screen provided