

# Kalash Srivastava

A determined woman with a sharp mind, unwavering integrity, and a passion for solving real-world problems.

Associate Applications Developer

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[LINKEDIN](#) | [PORTFOLIO](#) | [GITHUB](#)

## EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY

COMPUTER SCIENCE B.TECH

CGPA: 8.92

September 2021 - April 2025

Vellore, Tamil Nadu

### TECHNICAL SUBJECTS LEARNT

DESIGN PATTERNS, OOPS CONCEPTS, AGILE METHODOLOGY, RESTFUL APIs, MICROSERVICES, JWT, OAUTH, COMPUTER NETWORKS, OPERATING SYSTEMS, DATABASE MANAGEMENT SYSTEMS, COMPILER DESIGN, CRYPTOGRAPHY, SOFTWARE TESTING, CI/CD, GIT WORKFLOW, MVC ARCHITECTURE

## EXPERIENCE

ORACLE | PROJECT INTERN

Bangalore, India | May 2024 – July 2024

- Engineered a Spring Boot application using Gradle to automate regression testing, reducing manual effort by 40%.
- Interacted with Oracle DB using native and named queries for CRUD operations and performance benchmarking.
- Designed and implemented scalable business logic to streamline workflows and reduce testing turnaround time.

ORACLE | ASSOCIATE APPLICATIONS DEVELOPER

Bangalore, India | August 2025 – Present

## SKILLS

PROGRAMMING LANGUAGES  
LIBRARIES/Frameworks

Java (core), SQL, HTML, CSS, C++, Python, Assembly, R, Solidity  
Java Script, Bootstrap, MongoDB, SpringBoot, React.js, Node.js, Express.js,  
Gradle

TOOLS / PLATFORMS  
DATABASES

Eclipse, GitHub, VS Code, Oracle, MATLAB, uVision5, Packet Tracer  
MySQL

## PROJECTS / OPEN-SOURCE

PORTFOLIO | [LINK](#)

Javascript, HTML, CSS, Bootstrap

- A creative portfolio blending unique UIs with personal storytelling to reflect my journey.
- Built a responsive portfolio website using HTML, CSS, and JavaScript with smooth animations.
- Showcased major projects with tech stack highlights, live GitHub links, and individual project pages.

CODE JAM | [LINK](#)

React, Vite, TypeScript, Tailwind CSS, Node.js, Express, Socket.IO

- Built a real-time collaborative coding platform using React, Socket.IO, and Express.
- Integrated CodeMirror for syntax-highlighted multi-language code editing.
- Added Tldraw for live, interactive whiteboarding within sessions.
- Implemented features like theme switching, file/folder management, and code export.
- Enabled low-latency synchronization and intuitive collaboration across multiple users.
- Emphasized modular architecture and responsive design for seamless cross-device usability.
- Showcased strong understanding of backend scalability and frontend interactivity.

## SOCIAL MEDIA FOR MENTAL HEALTH COMMUNITY | [Link](#)

MERN Full Stack, MongoDB, Azure

- Built a social media platform for individuals marginalized by traditional networks, focused on mental health and emotional support.
- Created safe, community-driven spaces for users with experiences like anxiety, PTSD, and depression.
- Designed to promote healing through connection, creativity, and shared stories avoiding comparison-driven interaction.

## AIR CURSOR | [Link](#) Python, Open-AI GPT API, MediaPipe, Eel, PyAutoGUI, SpeechRecognition, OpenCV

- Built an AI that makes systems touchless with voice and gesture control
- Created a custom GPT-based voice assistant (Aura) for system commands
- Used MediaPipe + OpenCV for real-time hand gesture tracking
- Enabled actions like mouse control, scrolling, and app launching
- Developed UI with Python + JS using Eel; automated tasks via PyAutoGU

## CERTIFICATIONS

- DSA with JAVA (Alpha Batch) - **APNA COLLEGE**
- Google Cloud Computing Foundations Program - **GOOGLE CLOUD**
- MERN FullStack Internship Program - **CODEMITHRA ETHNUS**
- ORACLE Internship Completion - **ORACLE**