

HARSHIT DHUNDALE

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EDUCATION

Vellore Institute of Technology

B.Tech in Computer Science and Engineering - CGPA: 8.72

Bhopal, India

2021 - 2025

CERTIFICATIONS

- AWS Certified Cloud Practitioner [2024–2027] • Google Cloud Certified: Cloud Digital Leader [2024–2027]

WORK EXPERIENCE

The Orchid Group

Indore, India

Full Stack Web Development Intern

June 2024 - August 2024

- Partnered with design, dev & QA to revamp a legacy platform-reducing JIRA-tracked UI bug backlog by 25% and improving average page-load times by 20% through targeted QA and React optimizations
- Revamped 8 React modules and 6 Node.js/Express APIs in 2-week sprints, embedding TDD and GitHub Actions CI/CD pipelines to accelerate delivery frequency
- Built responsive React UIs and RESTful Node.js APIs using MongoDB as the database; authored 30+ Selenium end-to-end test scripts to validate API performance and data integrity
- Slashed JIRA open defect backlog by 20% via structured triage, root-cause analysis and cross-team QA review sessions

TECHNICAL SKILLS

Programming & Frameworks: Python · Java · C++ · JavaScript · Node.js · React · Express.js · Flutter · Dart · Next.js

Databases & Caching: MongoDB · Redis · Firestore · SQL · MySQL · Amazon RDS · PostgreSQL · DynamoDB

DevOps & Tools: Docker · Kubernetes · .NET · CI/CD · AWS (EC2, S3, Lambda) · Google Cloud Platform · Git · GitHub

Testing & Methodologies: Selenium WebDriver · Robot Framework · Postman · Agile/Scrum · TDD · Regression Testing

Professional Skills: Critical Analysis · Leadership · Communication · Collaboration · Flexibility · Resilience

PROJECTS

FarmiCulture – Node.js, Express, React, MongoDB, Python, Docker, AI/ML

March 2025

- Built a secure, multi-tenant farm management platform with JWT-based authentication, Redis-backed OTP email verification (Nodemailer), role-based access controls and a real-time community forum (posts/replies) using Node.js, Express, MongoDB, Redis, React and Multer
- Engineered Docker-containerized Python microservices for AI-driven recommendations—Naive Bayes for crops, Random Forest for fertilizers and CNN for disease detection—trained on a unified 90K+ record dataset, achieving 92-95% accuracy, and integrated via RESTful APIs
- Developed an end-to-end e-commerce solution featuring Razorpay payments, programmed invoice dispatch, live delivery tracking (node-cron), failed-order cleanup and separate admin/vendor portals for product and order management
- Implemented scalable CI/CD and deployments, containerizing backend and microservices on Render, React frontend on Vercel, and establishing comprehensive API testing to ensure reliability and rapid iteration

News App – Flutter, Dart, Firebase Auth, Firestore, Remote Config, Provider, NewsAPI

October 2024

- Architected and developed cross-platform mobile news application with 3 core screens (Login, Registration, News Feed), utilizing Flutter framework with Dart programming language, Firebase Authentication, and Firestore NoSQL database to deliver real-time content across iOS and Android platforms
- Engineered RESTful API integration with NewsAPI fetching 20+ news categories and 100+ articles per request, implementing JSON data parsing, asynchronous programming with Dart streams, and comprehensive error handling reducing app crashes by 90% during testing phase
- Implemented robust state management using Provider pattern across 5+ UI components, configured Firebase Remote Config for 3 real-time configurable parameters (location, categories, sources), and maintained codebase with 15+ Git commits demonstrating version control best practices and iterative development workflow

ACHIEVEMENTS

- **Founding Member, Community Service Initiative [2012 - Ongoing]** - Collaborated in systematic meal distribution serving 250+ daily beneficiaries, contributing to volunteer coordination and logistics optimization workflows
- **Best Performer, SolVIT Hackathon [March 2025]** - Led development of STOCKLY: an innovative unified retail suite featuring a real-time inventory dashboard, voice assistant, Telegram bot & B2C marketplace chosen top among 150+ teams
- **Technical Events Coordinator, Microsoft Club [October 2024]** - Organized technical events for 200+ participants, managed budgets, coordinated logistics, & led a 30-member volunteer team to deliver successful workshops & competitions