RUTUJA BHAGAT

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EDUCATION

PES University — Bengaluru, Karnataka
Bachelor of Technology in Computer Science and Engineering — *Aug. 2023 – Present*

Mumbai Educational Trust, MET League of Colleges — Nashik, Maharashtra
Diploma in Computer Engineering — *Aug. 2020 – Jun. 2023*

EXPERIENCE

Apprentice, PwC India — Feb. 2025 – July 2025
Bengaluru, Karnataka
- Graduated from PwC Launchpad 3.0 in courses like Cybersecurity, PowerShell, and Prompt Engineering, demonstrating strong technical depth and adaptability.

Summer Intern, Calibers InfoTech — Jul. 2022 – Aug. 2022
Nashik, Maharashtra
- Built responsive React.js apps and integrated Node.js APIs with MongoDB backend to support real-time data-driven applications.

PROJECTS

Smart V2X System for Emergency Response & Tolling | *SUMO, OMNeT++, Veins* — Ongoing
- Building a simulation-based V2X system to improve emergency response times and automate toll collection using real-time traffic data. Integrating SUMO and OMNeT++ with the Veins framework to simulate vehicle-to-everything (V2X) communication in urban traffic scenarios.

Real Estate Management System | *Spring Boot, React, MySQL* — Mar. 2025 – Apr. 2025
- Developed a web-based platform for property listings and agent workflows with role-based access. Ensured smooth multi-user operations and clean UI/UX for agents and customers

Serverless Function Execution Platform | *FastAPI, Docker, Streamlit* — Feb. 2025 – Apr. 2025
- Built a lightweight platform to run code snippets securely using containerized backend. Used Docker to isolate execution environments and ensure consistent performance across different inputs.

Codepitome - An EdTech Platform | *Full-stack Technologies* — Jan. 2023 – May. 2023
- Created a learning platform with user roles for students and instructors. Enabled secure content delivery and user-friendly navigation.

TECHNICAL SKILLS

Languages: Java, Python, HTML/CSS, JavaScript, SQL, NoSQL, Exposure to Power BI and UiPath (RPA)
Frameworks and Tools: Spring Boot, FastAPI, React.js, Node.js, Git, JUnit, GitHub Copilot, Selenium
Cloud and Infra: Docker, Kubernetes, Google Cloud Platform, CI/CD (GitHub Actions, Jenkins), DevOps
Core CS Concepts: DSA, Operating Systems, Computer Networks, Cybersecurity, AI/ML Technologies

ACHIEVEMENTS AND CERTIFICATIONS

1. **Achieved Premium Milestone in Google Cloud Arcade**, Completed 30+ hands-on labs demonstrating advanced proficiency in GCP services including Compute Engine, Kubernetes Engine, Cloud Storage, Cloud Functions, and CI/CD pipeline configuration.

2. **Awarded Distinction Award Certificate by PES University** for outstanding academic performance in the fourth, fifth and sixth semester, demonstrating academic excellence and commitment to learning.

3. **Certified by ISRO's Agnirva Space Community** for serving as a liaison between Agnirva Space Community and university students, facilitating knowledge exchange and opportunities.

4. **Received the Certificate of Graduation** for outstanding commitment in the Cyber Risk & Regulatory Launchpad Program 3.0 2025.