

Nikhilesh Vardhan Gupta

📞 7625840531 | ✉️ nikhileshwm03@gmail.com | 🔗 LinkedIn | 🐙 GitHub | 📍 Chandigarh, India

EDUCATION

PEC University of Technology

Bachelor of Technology in Computer Science and Engineering

Chandigarh, India

Dec. 2020 - May 2024, CGPA - 8.53

Shishu Niketan Public School

Grade 12, CBSE

Chandigarh, India

April 2019 - April 2020, 93.4%

EXPERIENCE

Software Engineer

Amdocs

June 2024 – Present

Gurugram, India

- Enhanced UX and scalability of Order Details and Port Request modules using **React**, **TypeScript**, and advanced state management
- Built low-latency RESTful APIs using **Java** and **Apache Camel**, reducing system response times by **40%** and supporting microservice architecture principles
- Collaborated in Agile teams to deliver maintainable, production-quality code in fast-paced telecom environment

Software Developer Engineer Intern

Amazon

May 2023 – July 2023

Hyderabad, India

- Diagnosed and resolved critical issues in **LXS** and **FedEx** shipping pipelines, improving shipping accuracy by **90%**
- Engineered automation for deployment processes within **LAPS Infra**, reducing manual intervention and increasing deployment efficiency
- Led fixes for off-platform order handling logic and implemented resilient solutions using **Spring Boot**, **Guice**, and unit-testing frameworks like **JUnit** and **Mockito**

PROJECTS

Bus Ticket Reservation System | Java, Oracle SQL, CLI

June 2024 – July 2024

- Built a full-featured CLI-based reservation system in Java with seat selection, booking, and dynamic cancellation logic, simulating real-time ticketing workflows with Oracle SQL backend

Forest Fire Detection | Python, Flask, JavaScript

Sep. 2022 – Dec. 2022

- Developed a Flask-based web application that predicts forest fire probability using environmental parameters like FFMC, temperature, and humidity, achieving high prediction reliability with an MLP classifier
- Integrated a CNN model to classify fire and non-fire images, enabling real-time image-based fire detection and enhancing the system's practical use in early forest fire alerts

Augine | CSS, JavaScript, Django, Unity, ML

June 2022 – August 2022

- Developed a 3D shopping experience application with virtual try-on and AR interior design capabilities, leveraging Computer Vision and Augmented Reality to enhance purchase decisions and reduce returns
- Implemented ML algorithms for personalized product recommendations and integrated a responsive database with real-time 3D editing for a seamless user experience

TECHNICAL SKILLS

Languages: C/C++, Java, Python, HTML, CSS, Javascript, TypeScript, SQL

Frameworks: React, Spring Boot, Flask, JUnit, Mockito

Developer Tools: Jakarta Server Pages, Git, Docker, Postman, Linux, VS Code, IntelliJ, Eclipse

Other: Object-Oriented Programming, Data Structures and Algorithms, Machine Learning, Deep Learning, Operating System, Unit Testing, Debugging, Problem Solving, Mathematics

ACHIEVEMENTS

2023 — Achieved **88.28%** accuracy in crater diameter prediction for Whipple Shields using ML during a DRDO Research Internship, accelerating defense analysis workflows

2022 — **National Finalist - Hackon With Amazon:** Acknowledged as POC in coding round; team ranked 5th throughout the nation

2021 — **Present:** Solved over 1500 problems on coding platforms including 🌐 Codeforces, </> LeetCode (1714), and achieved 3 star (1795 rating) on 🌐 CodeChef