

Shubham Kumar Gupta

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EDUCATION

National Institute of Technology Delhi — New Delhi, Delhi Graduating 2025
Master of Technology in Computer Science CGPA 8.77/10

Banaras Hindu University — Varanasi, Uttar Pradesh Completed June 2023
Master of Science in Computer Science CGPA: 8.1%

EXPERIENCE

VML (A WPP plc Company) (Technical Apprentice) Apr 2025 – Present

- Developing responsive web applications using HTML, CSS, and JavaScript to ensure seamless user interfaces and cross-browser compatibility.
- Learning and implementing Angular to enhance frontend functionality, improve user experience, and optimize performance.
- Collaborating with senior developers and participating in code reviews to ensure code quality, follow best practices, and improve development workflows.

Clarity (We Heal Private Limited) (Android Developer Intern) Feb 2025 – Mar 2025

- Contributed to the development of scalable features using Kotlin, Jetpack Compose, and MVVM architecture, ensuring efficient code and maintainable solutions.
- Integrated Razorpay API and implemented UPI AutoPay functionality, enabling seamless recurring payments for improved user experience.
- Collaborated with backend teams to integrate APIs, optimize performance, and enhance overall user experience.

PROJECTS

Cloud Computing Task Scheduling Optimization | *Python, Java, Evolutionary Algorithms*

- Worked on optimizing task scheduling in cloud computing environments using evolutionary algorithms.
- Implemented algorithms in Java to minimize different parameters in cloud task allocation.

UPI AutoPay Integration (Razorpay) | *Kotlin, Razorpay API, Volley, Jetpack Compose*

- Integrated Razorpay's UPI AutoPay for a recurring payment system, allowing users to subscribe to a weekly plan.
- Developed the frontend to display available UPI apps and manage subscription payments via Razorpay API.
- Ensured seamless transaction flow using Volley for network calls.

Real-Time Chat Room Application | *Spring Boot, WebSocket, HTML, CSS, JavaScript*

- Built a real-time chat application using Spring Boot for the backend and WebSocket for instant messaging.
- Developed a frontend with HTML, CSS, and JavaScript for a responsive and interactive user interface.
- Enabled real-time communication with WebSockets, ensuring a smooth messaging experience.

SKILLS

Languages: Java, Kotlin, Python, HTML, CSS, JavaScript, TypeScript
Frameworks: Jetpack, Razorpay SDK, React
Libraries: Scikit-Learn, NumPy, Pandas, Matplotlib, Volley, Jetpack Compose, ViewModel
Backend: Spring Boot, Node.js
Tools: Android Studio, IntelliJ, VSCode, Databricks, Jupyter Notebook, Google Colab, Git, GitHub, Postman
Soft Skills: Leadership, Problem Solving, Event Management, Public Speaking, Communication, Interpersonal Skills

ACHIEVEMENTS

- Conference Paper Accepted in NIT Uttarakhand (IEEE Conference)
- GATE-2023 Qualified (Organized by IIT Kanpur)
- Olympiads Qualifier: Qualified for the 2nd round of SOF Olympiads

EXTRA-CURRICULAR

Leadership Roles: Head, Training and Placement Coordinator (M.Tech CSE, NIT Delhi); Class Representative (M.Tech CSE, NIT Delhi)
Event Management: Contributed to the organization of technical conferences: ANTIC (BHU) and IC2SDT (NIT Delhi)