

# Avneesh Rai

✉ [ofc.avneesh@gmail.com](mailto:ofc.avneesh@gmail.com)

CodeChef [🔗](#) | CodeForces [🔗](#) | Leetcode [🔗](#) | LinkedIn [in](#) | GitHub [🔗](#)

☎ [+91 6393835351](tel:+916393835351)

## EDUCATION

---

**Indian Institute Of Information Technology, Lucknow**  
*B.Tech in Computer Science and Business*

Lucknow, India  
Dec 2021 – June 2025

## EXPERIENCE

---

**Team-Lead at OrbitAIM** **Apr 2025 – Present**  
FastAPI, PostgreSQL, MongoDB, Redis, PyTorch, Sentence Transformers, FAISS-CPU, LangChain, Playwright, boto3, asynpg, SQLAlchemy, OpenAI, Transformers (Hugging Face), Uvicorn, Pandas, NumPy, scikit-learn, google-cloud-discoveryengine, pytz, EC2, CloudWatch, Secrets Manager

- **LEADS\_PROSPECT**: Developed and managed a large-scale, high-quality database of LinkedIn IDs and emails for precise and efficient lead generation, enhancing outreach capabilities and targeting accuracy.
- **LINKEDIN\_AUTOMATER**: Automated connection requests and personalized DM campaigns using a behavior-optimized algorithm, ensuring natural engagement. Incorporated an ideation tool that analyzes viral LinkedIn posts to create customized and highly effective outreach posts.
- **COLD\_EMAILER**: Designed and executed automated email campaigns across multiple platforms, including Gmail and host-based email services. Incorporated personalized messaging and automatic reply detection, ensuring a seamless communication flow and minimizing spam risk through bot protection algorithms.
- **NEWS\_PROSPECT**: Built and maintained a scalable news aggregation pipeline to collect, categorize, and score industry-specific news from multiple sources, ensuring high-quality lead identification and continuous content monitoring for reliable results.

**Intern at EPACK Prefab** **Nov 2024 – Apr 2025**  
Python, Next.js, Three.js, MongoDB, Flask, openpyxl, boto3, pandas, numpy, Jinja2, click

- Developed Optibuild, a SaaS-based structural design automation platform that reduces manual modeling tasks by 80%, automates PEB steel structure design, load calculations, and ensures compliance with Indian and American standards, improving productivity and minimizing errors for structural engineers.
- Engineered the platform's user interface with Next.js and built the backend using Flask API, ensuring seamless integration and high performance. Deployed on AWS EC2 for scalability and reliability, and integrated AWS CloudWatch for advanced logging and project tracking, optimizing team collaboration and progress monitoring.

## PROJECTS

---

**WASHO** [🔗](#) | *React, NodeJS, ExpressJS, MongoDB, RazorPay, Socket.io, Firebase, JWT, bcrypt, Twilio*

- Engineered a MERN stack laundry management system with real-time payments and automatic receipt generation.
- Enhanced security using Firebase and JWT for authentication, bcrypt for password hashing & Twilio for OTP.

## TECHNICAL ACHIEVEMENTS

---

- **Rated 5\* on CodeChef** [CodeChef ID](#) [🔗](#)
- **Rated Expert on CodeForces** [CodeForces ID](#) [🔗](#)
- **Achieved 5\* GOLD level in SQL on HackerRank** [HackerRank ID](#) [🔗](#)
- **Global Rank 971 among 21000+ Participants in Biweekly Contest 89.** Contest: [\[Ranklist\]](#)

## SKILLS

---

- **Languages:** C, C++, Python, Java, HTML, JavaScript, SQL, Shell Scripting
- **Technologies:** React.js, Node.js, Express.js, MongoDB, PostgreSQL, Firebase, REST APIs, Git, GitHub, Docker, Jenkins, AWS, Docker, Redis, NumPy, Pandas, AI/ML tools
- **Academic Coursework:** OS, Computer Networks, DBMS, Compiler Design, OOPS, Data Structure and Algorithm