

# AKSHAT GIRDHAR

Delhi, India

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in [Akshat Girdhar](#)

github.com/[akshatg5](#)

👤 [Portfolio](#)

## EDUCATION

- **Maharaja Surajmal Institute of Technology, IPU** 2020 – 2024  
*Bachelor of Technology in Electronics and Communication* 8.7 CGPA
- **Ahlcon International School** 2018 – 2020  
*Class XII* 92.4%
- **Ahlcon International School** 2016 – 2018  
*Class X* 93.4%

## EXPERIENCE

- **SDE-1 at [GRID-OS](#)** February 2025 – Present  
Delhi, India
  - Architected and implemented a scalable IoT infrastructure with TCP/HTTP servers and Docker containerization.
  - Developed an Electron-based dashboard application for real-time data visualization and device management, improving operational efficiency over 50%
  - Engineered automated in-line quality control testing using serial communication, achieving 80%+ reliability, and integrated dynamic label generation to streamline production and eliminate manual work.
  - Contributed to [GPS device](#) firmware development using C.
  - Leveraged diverse technology stack including Node.js, React.js, Tailwind CSS, AWS, Docker, C, Python, and Electron
- **Full Stack Developer at [Koshiqa](#)** April 2024–January 2025  
Delhi, India
  - Developed the company's [main website](#), significantly enhancing user engagement metrics.
  - Created real-time dashboards and internal tools, increasing data analysis efficiency by over 50%.
  - Implemented a referral system, boosting user acquisition and improving the new user addition rate.
  - Worked with technologies like Node.js, React.js, Tailwind CSS, AWS, Docker

## PERSONAL PROJECTS

- **[LiteKite](#)** 2024  
*React, Flask, Python, PostgreSQL*
  - Developed a stock broker platform which currently serves to **100+ users**, providing a platform to test their trading and investing strategies before entering the real capital markets.
  - Implemented **Real-time stock prices, AI analysis and suggestion system, Stock information**, ensuring users get an experience like a real stock broker.
- **[Leet-Rank](#)** 2024  
*Next.js, Tailwind CSS, PostgreSQL, Prisma, Vercel, GraphQL*
  - **Developed an interactive web application** enabling users to compare their LeetCode performance across colleges.
  - **Implemented secure authentication and onboarding** using Next.js and Prisma, ensuring data integrity and scalability.
  - **Currently handling 100+ users**, enabling them to compete with their peers in college/community.
- **[VoteTube](#)** 2024  
*NEXT.js, TypeScript, PostgreSQL, Tailwind CSS*
  - Created a platform for **collaborative group playlists** where users can vote on songs and videos to determine the order.
  - Implemented **real-time leaderboard synchronization** across users, allowing live voting and updates.
  - Successfully launched in a real-world environment, currently engaging around **100+ users**.

## SKILLS

- **Languages:** HTML, Python, JavaScript, TypeScript, C
- **Frameworks:** React, Flask, Django, NodeJS, NEXT.js
- **Databases:** PostgreSQL, MongoDB
- **Tools:** VSCode, Git/GitHub, Docker, Figma, AWS, Cloudflare

## CERTIFICATIONS

- [Google IT Automation with Python \(Coursera\)](#)
- [CS50's Web Programming with Python and JavaScript \(Harvard University\) - Projects Playlist](#)