

LAKSHY ARUN SHARMA

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EDUCATION

SUMMARY

Full-Stack Developer (1 year experience) skilled in **React.js, Node.js, PostgreSQL, Spring Boot, Docker, and AWS Cloud Services (EC2, RDS, S3)**. Experienced in **building scalable web applications, REST APIs, and microservices** with strong knowledge of **CI/CD, Agile methodologies, and cloud security best practices**. Solved **500+ Data Structures & Algorithms problems on LeetCode**

ASPIRE INTERNATIONAL SCHOOL (12TH) - 84%

MAY 2022

ELECTRONICS AND TELECOMMUNICATION

Bachelor of Engineering (B.E.) in Electronics & Telecommunication Engineering CGPA: 8.51 / 10;

MAY 2026

- Core member of CodeCell, managed **technical events with 200+ participants**, **Problem Setter of Weekly Challenges at Codecell**.
- Won **2 hackathons**, delivering innovative software solutions under tight deadlines.
- Collaborated with cross-functional teams during multiple internships.

PROFESSIONAL EXPERIENCE

WA EXPERT

Jul 2024 - Present

FULL STACK & DEVOPS ENGINEER - (INTERN)

- **Engineered** a drag-and-drop WhatsApp bot creation platform serving **100+ clients**, with integrated automation workflows and support for Google Sheets and MongoDB.
- **Architected and deployed a Looker Studio integration platform** for ERP analytics, connecting PostgreSQL databases and enabling **webhook-based automation** for **50+ concurrent users**.
- **Built and integrated a reminder system** and a **queuing workflow using RabbitMQ**, improving task scheduling efficiency and ensuring reliable message delivery at scale.
- **Established backend security protocols** and automated API testing, reducing critical bugs at launch by **40%** and ensuring **99.9% uptime** during release
- **Promoted** to the core development team within 3 months for outstanding technical contributions and consistent performance..

Freelance Web Developer

- Built and delivered 5 responsive websites for clients, handling end-to-end development from UI/UX design to deployment.
- Integrated modern tech stack (React, Node.js, MongoDB, MySQL) and implemented SEO/performance optimizations, improving site load times by ~30%.
- Deployed projects on cloud platforms (AWS, Vercel, Netlify) ensuring high availability, security, and client satisfaction.

PROJECTS

CODELETICA — SCALABLE CODING PLATFORM

| React, Node.js, Redux, PostgreSQL, Docker, RabbitMQ

- Developed a full-stack coding platform used by **500+ users**, enabling them to write, store, and compile C++, Java, and Python code directly in the browser with <2s compile time.
- Enabled seamless revision for **200+ users**, allowing them to manage personal code files and notes with 100% data consistency in structured workspace.
- Built a scalable backend using Dockerized compiler services on AWS EC2, with job queuing via RabbitMQ.

AETHERSHARE — PEER-TO-PEER FILE SHARING PLATFORM

| React, Node.js, Redux, PostgreSQL, WebTorrent, WebSockets

- Developed a progressive web app (PWA) for secure, cross-device file sharing up to 5 GB, without requiring user accounts or installations.
- Established true peer-to-peer file transfer using **WebTorrent** and **WebRTC**, enabling direct one-to-one and many-to-many transfers.
- Integrated WebSockets fallback, ensuring real-time collaboration with <100ms latency for users across **50+ concurrent sessions** in unstable network conditions.

FASHNII — E-COMMERCE PLATFORM

| Spring Boot, Java, React.js, Redux, PostgreSQL

- Redesigned e-commerce platform (serving **10K+ monthly users**) using Spring Boot and React.js, improving performance by **35%**, reducing page load time by **1.2s**, and increasing security compliance to OWASP standards.
- Orchestrated and Introduced **25+ RESTful APIs**, integrated PostgreSQL for handling **100K+ transactions/month**, and Deployed JWT-based authentication to secure **100% of sessions**.
- Created a modular frontend with React & Redux to manage **5K+ products** and **2K+ active users**, reducing maintenance effort by **20%** through reusable components.

OTHER

Technical Skills:

- **Programming Languages:** JavaScript, Java, C/C++, SQL, Python, DSA, Typescript
- **Frontend Technologies:** React.js, React Native, Redux
- **Backend Technologies:** Node.js, Express.js, Spring Boot, GraphQL, Django, DBMS, Computer Networks, Operating Systems
- **Databases:** PostgreSQL, MongoDB, Firebase
- **Cloud & DevOps:** AWS (EC2, RDS, S3), Docker, Nginx, Agile
- **Development Tools:** Git, GitHub Actions, Docker, RabbitMQ, WebRTC, Spark
- **Coding platform:** [LeetCode](#):1428, [CodeForces](#) :1109
- **Activities:** 2xHackathon winner

AWS Certified Cloud Practitioner – In Progress (Expected Dec 2025)