Lakshya Garg

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SUMMARY

Computer Science undergraduate (B.Tech, CGPA 9.17/10, graduating 2027) with hands-on experience building scalable full-stack applications, AI-driven platforms, and cloud-native deployments. Proficient in C++, Python, and Java with strong expertise in React, Node.js, REST APIs, and SQL. Experienced in integrating APIs and optimizing workflows to deliver impactful solutions. Solved 400+ DSA problems, demonstrating strong problem-solving skills.

EDUCATION

B.Tech. in Computer Science Engineering <div style="float:right">Aug 2023 – Jul 2027</div>

International Institute of Information Technology, Naya Raipur, India
CGPA: **9.17/10**

TECHNICAL SKILLS

Programming: C, C++, Python, Java, JavaScript, TypeScript
Web/App: HTML, CSS, ReactJS, React Native, NodeJS, ExpressJS
Databases: PostgreSQL, MongoDB, MySQL, Firebase, Supabase
Cloud/Tools: AWS, OCI, Docker, NGINX, Git, GitHub, Expo/EAS Build

WORK EXPERIENCE

Software Developer Intern <div style="float:right">Jun 2025 – Aug 2025</div>

Cognito *Remote*

Tech: React Native, Expo, Supabase, Node.js, TypeScript, EAS Build

- Engineered scalable backend architecture using Supabase serverless functions, serving as the core logic and authentication system, delivering 80% of MVP features in 5 weeks.
- Engineered 8+ production features, including AI-driven personalization (using LLM APIs for user insights) and integrating Razorpay payments , while optimizing frontend flows for UX and reducing release errors.
- Partnered with product management in agile sprints, translating business needs into scalable engineering solutions.

PROJECTS

MailWise: AI-Powered Email Management Platform GitHub Demo <div style="float:right">Jan 2025 – Present</div>

Tech: ReactJS, NodeJS, ExpressJS, PostgreSQL, Gmail API, Google Gemini AI, AWS (EC2, RDS, Amplify)

- Conceived and led development of an AI-powered web platform that automates Gmail categorization and analysis with Gemini AI + OAuth, cutting manual sorting time by ~60%.
- Designed React.js frontend with UX-focused previews and AI-assisted drafting, enhancing efficiency by ~40%.
- Designed and deployed a secure, scalable, and reliable cloud infrastructure on AWS (EC2, RDS, Amplify). Optimized backend components (Node.js/PostgreSQL) to achieve >3× speedup in data processing.

MindCare: AI-Powered Mental Wellness Platform GitHub Demo <div style="float:right">Sep 2025 – Present</div>

Tech: ReactJS, NodeJS, ExpressJS, PostgreSQL, Google Cloud (Gemini AI, Cloud Run, Cloud SQL), TTS

- Engineered an AI-driven mental wellness assistant for youth, integrating Gemini AI, crisis detection, and gamified tracking, expected to improve engagement by ~30%. .
- Built an immersive chat system with a React.js + VRM avatar frontend and a Node.js/Express + PostgreSQL backend for reliable, low-latency performance.
- Leveraged GCP (Cloud Run, Cloud SQL) for secure data management, and ensuring scalability and performance.

CrowdScope: AI-Driven Market Insights Platform GitHub Demo <div style="float:right">Feb 2025 – Apr 2025</div>

Tech: ReactJS, Tailwind CSS, NodeJS, ExpressJS, Python, Gemini AI, Reddit PRAW API

- Built a solution that analyzes community discussions (Reddit) to extract real-time market/consumer insights using Gemini AI and Python — reducing manual research by ~70%.
- Developed scalable backend with Node.js/Python for optimized data retrieval/analysis.
- Delivered business-oriented reports through an intuitive React UI, useful for market analysis and client decision-making.

ACHIEVEMENTS

- **Solved 400+ problems** on Data Structures and Algorithms on platforms like LeetCode & TakeUForward.
- **Finalist**, HackVega by MyCareernet (powered by HirePro) – Cleared Round 2 & reached the Final Round nationwide.
- **3rd Runner-Up** – Hack-o-Harbour 2025, IIIT-NR – collaborated in a team of 4 to develop an AI-based solution.

CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 Foundations Associate – Oracle
- The Complete Web Development Bootcamp – Dr. Angela Yu
- Machine Learning A-Z: AI, Python & R – Kirill Eremenko, Hadelin de Ponteves