

Lokesh Poluru Velayudham

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SUMMARY

Innovative food tech co-founder with full-stack development expertise. Strong in strategy, entrepreneurship, and delivering scalable web applications. Collaborative, detail-oriented, seeking impactful projects.

EXPERIENCE

Software Developer | RA | TA

Case Western Reserve University - Undergraduate Research Office

January 2024 - Present

- Developed a MERN stack app automating the matching of 1500+ students and 250+ judges, improving event efficiency. - SDE | RA.
- Facilitated Python instruction for 50+ students, achieving a course completion . TA |BTEC 420 | BUAI 435.
- Mentored 30+ middle school students in engineering concepts, fostering interest in STEM careers. -TA | Think[Stem].

Head of Product

Alter Cabs

June 2023 - Present

- Led technical strategy for Alter Cabs, overseeing development on **Ruby on Rails** and managing teams for 4000 drivers on MVP.
- Developed business plans by analyzing competitors and creating the “Quick Ride” USP for 5-minute ride confirmation.
- Directed DevOps and staffing, ensuring seamless deployment and operational excellence in a collaborative environment.

Co- founder

Blind Ch3mistry, The Sign - confectionery

June 2019 - December 2023

- Co-founded and developed business model, achieving 20% YoY growth and securing Rs 150M in funding.
- Led a 35+ member cross-functional team, driving 40% revenue growth and maintaining an 8% profit margin.
- Launched 100 new products, increasing offerings by 200% and boosting sales revenue by 40% in the first year.

Full stack developer | Founding Member

Foxx Technologies

January 2022 - April 2023

- Co-founded and developed a B2B **MERN**, Redis application for Foxx Technologies, serving 50+ HoReCa clients.
- Implemented Firebase and GoLang microservices, improving search efficiency by 30%.
- Secured ₹4.5M in funding and generated ₹0.75 crore in revenue within 6 months.

Software Developer

Guvi Geek Technologies

January 2019 - June 2019

- Developed a **PHP** hiring module, connecting 50+ employers with 1000+ students in 4 months.
- Integrated microservices, improving performance by 25% and boosting employer engagement by 30%.
- Increased company revenue by 15% through enhanced recruitment processes and interactions.

PROJECTS

Halo Harbour

Xlab • haloharbor.io/ • August 2024 - Present

- Data Privacy: Introduced **Federated Learning**, which optimizes the training mode.
- Security: Ensures confidential data processing with **AWS Nitro Enclave**.

Intersections

Case Western Reserve University • github.com/lokeshvelayudham/intersection • January 2024 - Present

- Developed an app for the Intersection Competition, streamlining student-judge matching and improving efficiency.

Rider Module

Alter Cabs • www.altercabs.com/ • May 2023 - Present

- Led iOS/Android app development with a subscription-based model, boosting driver retention by 25%.
- Introduced the “Quick Ride” feature, reducing user wait times by 30% and improving overall ride acceptance efficiency.

Perpetual Copy Trading

BCamp • github.com/oxBcamp • November 2023 - March 2024

- A service that lets users copy trades from top whales on DEXs and CEXs using smart contracts.

EDUCATION

Master of Science in Computer and Data Science

Case Western Reserve University • Cleveland, Ohio • 2025 • 3.9

SKILLS

ReactJs | Node Js | AWS | Docker | Python | TypeScript | Mongo | MySql