

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, Cleveland, OH

- Developed full-stack registration app using **MERN** stack with dashboards for students, judges, and admins. – **SDE | RA**.
- Automated student-judge matching for 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, Chennai, IN

- Led technical strategy for Alter Cabs, overseeing feature development on **Ruby on Rails** and managing cross-functional teams for 4,000 drivers on MVP.
- Developed scalable business plans by conducting competitor analysis and defining a unique value proposition – Quick ride (5min ride confirmation without drop location).
- 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, Chennai, IN

- 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, Chennai, IN

- 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, Chennai, IN

- **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**: Empowers users with full control over data via a secure vault.
- **Scalability**: Supports 10+ users using Docker for efficient multi-user scaling.
- **Security**: Ensures confidential data processing with AWS Nitro Enclave.

Intersections

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

- Developed an application for the Intersection Competition, streamlining student-judge matching, registration, and score evaluation, significantly reducing manual processes and improving event efficiency.

gitCraft

Case Western Reserve University • merry-khapse-6dd1d8.netlify.app/login • June 2024 – July 2024

- Developed a web-based platform with user authentication, enabling a dynamic community feed for sharing and forking multimedia crafting posts, along with private repositories for personalized post management.

Perpetual Copy Trading

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

- A service that allows users to copy trades from top whales across various DEXs and CEX futures, leveraging smart contracts and decentralized technology.

EDUCATION

Master of Science in Computer and Data Science

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

Bachelor of Engineering – Electronics and Communication

Anna University • Chennai, IN • 2018 • 7.83