

Abdullah Basarvi

basarvi.a@northeastern.edu | +1 408-210-5857 | San Jose, CA | linkedin.com/in/abdullah-basarvi

Professional Summary

Motivated and community-driven tech enthusiast with a strong background in student leadership, event management, and innovation. Experienced in fostering inclusive communities, organizing engaging events, and supporting academic and professional growth among peers. Passionate about integrating culture, technology, and career development to enhance student experiences.

Skills

Core Skills & Competencies — Entrepreneurial mindset, Motivated Leader, Team Player, Organizational skills, Problem Solver, Attention to detail, Adaptability, Management Skills, Event planning, Student mentorship, Public speaking, Social media engagement, Budgeting, Volunteer management, Logistics coordination, Graphic design, Content creation, Project management, Wellness advocacy, Networking, and Community building.

Programming Languages: — C, C++, Javascript, HTML, CSS, SQL, Python, Java

Frameworks/Tools: — React.js, Express.js, MySQL, MongoDB, Elasticsearch, Redis, RabbitMQ, Kafka, VPS, Docker, Kubernetes, Git/Github, System Design, Postman, Selenium, Jenkins, Cloud Services, DevOps Jira, Confluence, Trello, Slack, Figma.

Education

Northeastern University
MS in Computer Science

01/2025 – present | San Jose, US

Osmania University
BE in Computer Science

12/2020 – 07/2024 | Hyderabad, India

Professional Experience

Vice President of Technology
AeroNexus (NU Drone Club)

San Jose, CA

- Leading **tech integration and development** for AeroNexus, focusing on drone technology advancements.
- Conducting and assisting in **drone-related research** in collaboration with faculty and students.
- Providing **technical mentorship** and overseeing the development of **experimental drone prototypes**.
- Exploring **practical drone use cases**, including a **drone system to deter wildlife (deer) from residential areas**, as suggested by the **Director of Computing Programs NU SV**.

Founder & President
CODREL

12/2024 | Hyderabad, India

- **Spearheaded a thriving community of 600+ tech enthusiasts, orchestrating and managing mentorship** programs for aspiring developers and AI/ML enthusiasts across diverse tech stacks, **driving a 200% membership increase in 3 months**.
- **Directed multiple teams comprising up to 50 members**, developing effective learning tracks and significantly boosting community engagement.
- Orchestrated and executed **10 comprehensive workshops** and 3 iterations of mentorship programs, achieving a **30% improvement in member retention and engagement**.

Founder and Director
Dcrypt (EdTech Startup)

12/2024 | Hyderabad, India

- Led development and marketing teams, **overseeing 20+ members, driving a 30% boost in project efficiency**.
- Architected and implemented a microservice-based software for coding education, dramatically enhancing scalability and maintainability, **supporting 1,000+ concurrent users. Integrated RabbitMQ for message brokerage, accelerating inter-service communication by 40%.**
- Engineered a robust remote code execution system using Docker, optimizing support for Python, JavaScript, Java, C++, and C, and **slashing code execution time by 50%.**
- Crafted a highly intuitive UI/UX design and directed the frontend team to bring it to life, **elevating user satisfaction scores by 25% and boosting user retention by 20%.**
- Leveraged Redis for session and cache management, **cutting application response times by 35%** and significantly enhancing user experience.
- Enforced rigorous version control with distinct dev, stage, and prod environments, **reducing deployment errors by 70%.**
- Managed an Ubuntu CloudPanel VPS for deploying the production-grade product, **achieving 99.9% uptime and ensuring exceptional high availability.**