

BADHUSHA SHAJI

Frontend Developer — CTO at Inovus Labs IEDC — IoT Lead at MuLearn
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SUMMARY

Innovative Developer with a strong foundation in Vue.js, Nuxt.js, Node.js, and Django. Experienced in creating responsive and user-friendly web applications, with a background in IoT and community leadership. Passionate about exploring new technologies like Python and applying them to solve real-world problems. Skilled in translating design concepts into functional, efficient code and collaborating with cross-functional teams to deliver high-quality web solutions. Eager to take on new challenges and continuously expand technical expertise to stay at the forefront of web development.

EXPERIENCE

Inovus Labs IEDC March 2024 - Present
Chief Technical Officer — Kristu Jyoti College, Changanacherry, Kottayam

- Lead frontend development initiatives and technical strategies for the innovation cell.
- Oversee and contribute to multiple web and backend projects (Node.js & Django), focusing on user experience, performance, and scalability.
- Mentor student teams in frontend and backend technologies and best practices.
- Actively research, evaluate, and implement cutting-edge technologies (Python, Django) to enhance project outcomes and team capabilities.

IoT Lead October 2023 - Present
GTech MuLearn

- Spearhead IoT projects, integrating frontend interfaces with backend services (Node.js & Django) for data visualization and control.
- Conduct workshops on IoT technologies and their integration with web applications and backend systems.
- Continuously explore and apply emerging technologies (Python, Django) in IoT and web development, fostering innovation in projects.

Edunext Community May 2024 - Present
Public Relations and Outreach Lead — Inovus Labs IEDC, KJCMT, Chetipuzha, Kottayam

- Manage community relations and organize tech-focused educational events.
- Develop and maintain web presence for community initiatives, leveraging both frontend and backend technologies (Node.js & Django).
- Implement innovative outreach strategies using cutting-edge digital platforms and technologies.

EDUCATION

Kristu Jyoti College of Management and Technology

Bachelor of Computer Applications (BCA) — Kurisummoodu P.O., Chethipuzha, Changanacherry

SKILLS

Frontend: JavaScript, Vue.js, Nuxt.js, HTML5, CSS3, Responsive Web Design

Backend: Node.js, Express.js, Django, Python

Tools & Platforms: Git, GitHub, VS Code, Webpack

IoT & Hardware: Arduino, ESP, Raspberry Pi

Soft Skills: Project Management, Team Leadership, Problem-solving, Adaptability, Quick Learning

Approach: Continuous Learning, Technology Exploration, Innovation-driven, Early Adoption of New Technologies

PROJECTS

AURA - Women's Welfare App: Led frontend development using Vue.js and Nuxt.js, while integrating a Django backend for managing user data and real-time updates.

Inovuslabs.org: Developed and maintained both frontend and backend (Node.js) for Inovus Labs IEDC's community website, focusing on events, projects, and resources for innovation and entrepreneurship. Continuously optimized the platform's performance and user experience.

Edunext.org.in: Contributed to both frontend (Vue.js) and backend (Django) development of the Edunext community platform, focusing on creating an engaging user experience for educational content and community interaction.

GitHub Portfolio: Maintained a diverse collection of projects across frontend (Vue.js, Nuxt.js) and backend (Node.js, Django), demonstrating proficiency in various web technologies and frameworks.

IoT Projects: Created frontend interfaces and backend systems (Node.js, Django) for IoT projects, bridging the gap between hardware and user interaction, and exploring novel ways to visualize and interact with IoT data.

ADDITIONAL EXPERIENCE

- Conducted workshops on web development using Vue.js, Nuxt.js, and backend frameworks like Node.js and Django.
- Led IoT workshops, focusing on the integration of web technologies with hardware projects and exploring backend architectures using Python and Django.
- Facilitated training sessions on version control with Git and collaborative development using GitHub, integrating with modern CI/CD practices.
- Organized workshops on leveraging AI tools for web development and exploring the intersection of AI and backend technologies like Python and machine learning.