

# Yash Buddhadev

Mozilla AI Fellow @SimPPL and Ex-Intern @Infiheal HealthTech

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## Profile

A student passionate about Artificial Intelligence, Computational Finance and Data Analytics. With a drive for problem-solving and a desire to make a meaningful impact in these dynamic realms.

## Professional Experience

**Mozilla AI Fellow, @SimPPL** Remote, HQ in New York February 2024 - present

- Working in AI research, I contribute actively to industry-level RCC projects, focusing on innovative solutions and real-world applications. My work bridges the gap between academic theory and practical implementation.

**Product Developer, @Infiheal HealthTech** Remote, HQ in Pune February 2024 - present

- Contributed to build an app using Flutter, developing revenue models, achieve a product-market fit in the AI space having a lack of benchmarks in India, doing competitive analysis for further research and development.

## Projects

**VaniVikas: Portal For Better Connectivity** Github Winner at Smart India Hackathon 2024

Developed a secure, smart, and user-friendly portal for Ali Yavar Jung Institute, streamlining patient data management and treatment tracking. It features seamless digital case files, automated case allocation, and real-time treatment updates.

**PhysioPlay: AI Playground** Demo Mozilla RCC Grant

Developing 'PhysioPlay', a persona-based AI system that helps physiotherapy students and doctors enhance their diagnostic skills. Supported by Mozilla India, it offers a platform for hands-on practice and skill development in physiotherapy.

**SmartSure: Revolutionising Insurance** Github HumanAIze (FinTech Edition) Hackathon Winner

Leveraging AI and advanced analytics, we personalize insurance premiums using fitness data, ML models, and an AI assistant for real-time insights and seamless interaction.

**Serenity: The New-Age Music App** Figma TechBlitz 2024 UI/UX Design Winner

Serenity is a Figma prototype music app with seamless controls, including play/pause, skip, and intuitive swiping. It lets users connect with artist communities, discover music, and live stream concerts with real-time interactions.

**Linkrr: One-Stop-Solution For Students** PPT Winner at VECT Ideathon 1.0

A platform connecting students with internships, collaborators for research, and small businesses with freelancers for tech, business, and marketing. It fosters global collaboration, empowering students and enabling seamless cross-border opportunities.

**CheckMate: Your Compliance Buddy** Figma Winner at CODECRAFT Hackathon

Developed entire UI and automation software for automated compliance checking AI tool, with thorough research for UX and AI architecture, understanding the parameters required and the industry requirements.

## Co-Curriculars

**Founding Member and Chairperson, @DJS InfoMatrix** Mumbai, India January 2024 - present

**Incharge Treasurer, @DJS National Student Data Corps** Mumbai, India April 2024 - present

## Education

**UG, B.Tech Artificial Intelligence and Data Science (CGPA: 8.5)** DJSCE Mumbai, India 2022-2026

## Skills

- Softwares:** Microsoft Power BI, Tableau, AWS SageMaker, IBM Watson, Google Cloud AutoML, Microsoft Azure ML Studio, Figma, Invision Studio, Adobe Ecosystem, Microsoft Ecosystem.
- Development:** C, Java, Python, Solidity, Dart, HTML, CSS, JS, React, Next.js, Flutter, Firebase, SQLite3, MySQL, MongoDB, PostgreSQL, Flask, Django, Node.

## Papers

**Automated Compliance Checking Of Unstructured Data Using LLMs And Langchain**

IRJMT