AMOGHA BHAT MR

amoghabhat74@gmail.com | +91 7760200927 | Bengaluru, India | LinkedIn | GitHub | Portfolio | Roblox Portfolio

PROFESSIONAL SUMMARY

Software Engineer with experience building full-stack web applications, AI-powered systems, and Roblox games. Skilled in C#, .NET, Python, JavaScript, TypeScript, React, Firebase, and AWS, with additional experience in Roblox Studio, Blender, and UI/UX design.

TECHNICAL SKILLS

Programming: C#, Python, JavaScript, TypeScript, Java, C++, SQL, Shell Scripting (Bash), UML

Web & Backend: .NET 8, .NET Core, React.js, Next.js, Node.js, FastAPI, WebRTC, HTML5, CSS3, Tailwind, Flutter

AI & Data: Generative AI, Large Language Models (LLMs), Retrieval-Augmented Generation (RAG), NLP, Transformer Models, Firebase, SQL Server, PostgreSQL, MongoDB

DevOps & Tools: Docker, Git, GitHub Actions, CI/CD, Vite, Postman, Vercel, Linux/Unix, Agile

Engineering & Design: Network Security, Object-Oriented Programming (OOP), UI/UX Design, Responsive Web Design

Game & 3D Systems: Roblox Studio, Blender, 3D Modeling, Level Design, Game Mechanics, Audio/VFX

PROFESSIONAL EXPERIENCE

Developer **Jul 2026 - Present**

Ayushree Herbals | Private Startup

- Designed branded soap covers and product packaging; developed a responsive company website showcasing herbal products.
- Built and delivered a separate GST-related website/tool supporting the company's business workflows.

Roblox Scripter & Artist **Ongoing**

Roblox Development Projects | Portfolio linked above

- Script interactive gameplay mechanics: player movement controls, checkpoint systems, touch triggers, sound effects, and UI overlays.
- Build 3D low-poly models, environment maps, and game props in Blender; import and configure assets with collisions and lighting in Roblox Studio.

AI Engineer / Software & Network Engineer **May 2025 - Jul 2026**

Colligence Research | Including Apps and Device

- Built Circle collaboration platform (.NET Core, AI chatbots, WebRTC) for 50+ members and Foundry ERP (C#, .NET, AWS RDS/S3, RAG).
- Integrated LLM workflows and Docker/GitHub Actions CI/CD, contributing to faster releases and streamlined data processing.
- Apps and Device (Apr - Jul 2026): developed Stucle education streaming (React/Node.js) across 9 states; improved AWS EC2/S3 delivery for 10,000+ concurrent students.

Software Developer Intern **Jan - Apr 2025**

Centre for Development of Telematics (C-DOT), Govt. of India

- Developed C#/.NET/SQL Server internship portal for 100+ applicants; added access controls and improved SQL retrieval by 30%.

KEY PROJECTS

Bhoomitayi - Real Estate | *Next.js, TypeScript, Firebase, AWS S3* | Live Site | Play Store

- Built a property marketplace with Firebase authentication, real-time updates and 200+ listings.

Grok Notepad | *React, .NET, AWS Lambda, AI Agents* | Project

- Developed an AI-assisted productivity workspace with NLP tools and serverless backend functions.

Roblox Games & 3D Art | *Roblox Studio, Blender* | Portfolio

- Created gameplay mechanics, interactive UI, and 3D environment props for obstacle courses, stair climbing, and collectible games.

GST Invoice Calculator | *React, .NET, Docker, Firebase* | Project

- Developed GST calculations and downloadable PDF invoices for a web-based billing tool.

EDUCATION

B.E. in Computer Science | CGPA: 7.98 - NMAM Institute of Technology, Nitte | 2021 - 2025

12th CBSE | 81.20% - HMR International School, Bengaluru | 2019 - 2021

10th | 83.16% - SJR Public School | 2019

CERTIFICATIONS

Anthropic: Claude 101 | Google: Network Security & Cybersecurity | Internshala: Advanced Web Development | NPTEL: Object-Oriented Systems