

Sameed Ahmed

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Web: <https://bastamasta.dev> **GitHub:** BastaMasta

Profile

Driven and innovative student developer and freelancer actively seeking an opportunity to leverage my technical prowess and imaginative thinking in a demanding role. Possessing a robust foundation in software development, web design, and project management, I am enthusiastic about making valuable contributions to a dynamic team while continuously honing my skills.

Work Experience

Freelancer Fiverr

📅 10/2020 – 07/2022

Made custom-modelled Discord Bots for multiple clients, for multiple tasks such as granting user roles, moderation, raffles, and giveaways.

Lead Student Designer Yukti 2K24

📅 11/2023 – 01/2024 📍 VTU BELAGAVI, KARNATAKA

Lead the Student design team for Yukti 2K24, A National Level Techno-cultural Fest. Conceptualized and delivered impactful visuals for posters, brochures, backdrops, and more, managing a team, collaborating with organizers, and ensuring consistent branding throughout the event, contributing significantly to its overall success.

Web Development Lead & Design Co-Lead Yukti 2k25 Techno-Cultural Fest

📅 02/2025 – 02/2025 📍 BELAGAVI, INDIA

Led web development for Yukti 2k25 (yukti.bastamasta.dev), a large techno-cultural festival. Managed all technical aspects, including website development (using [HTML, CSS, JavaScript, GitHub, GitHub Pages and Formspree]), content updates, registration system, and concert ticket sales. Co-led design, contributing to branding and marketing materials. Successfully managed high website traffic, demonstrating full-stack skills, CMS/e-commerce experience, and collaborative abilities.

Systems Programmer Independent Projects

📅 01/2023 – present

- Developed and published multiple open-source tools and libraries
- Created command-line tools for developers, including ASCII art generators and image processors
- Built hardware projects including binary keyboards and embedded systems projects
- Currently working on automating my workflow to enable for remote access to local systems and applications

Skills

📄 LANGUAGES

English

Professional

Hindi

Native

Skills

PROGRAMMING/DEVELOPMENT

Rust

Python

Assembly (8086)

C

C++

Flutter / Android Dev

Embedded Systems and IoT

Game Dev [GMS2]

WebDev

Bash

DESIGN

UI Design

Graphic Design

Web Design

Video Editing

Tools/Services Known

Google Cloud

Heroku

Git

GitHub

GitHub Codespaces

Linux

Bash

FastAPI

Raspberry Pi

Arduino

ESP32

CircuitPython

Docker

Android Studio

ngrok

AWS

BitBucket

GitLab

Canva

Blender

GameMaker: Studio 2

GitHub Actions

Google Firebase Studio

Nix

NodeJS

Docker

DaVinci Resolve

Strengths

Problem-solving

Time management

Adaptability

Self-motivated

Communication

Excellent communication

Leadership skills

Technical expertise

Project management

Team collaboration

Achievements

- Actively participated in **TechRadiance 2020**, earning the district-level prize for implementing Facial Detection using Python and OpenCV, which showcased innovation and technical skills.
- Currently serving as the **Cloud Lead** for **Google Developer Groups, VTU Belagavi**, which involves guiding discussions and projects that enhance cloud computing knowledge within the community.
- Secured first place in the **Code Sprint** organized by **IEEE, VTU Chapter**, in 2023, which highlighted strong programming skills and problem-solving abilities in a competitive environment.
- Successfully organized **Code Combat** at **Yukti 2k24** as a core organizer, bringing together participants for a collaborative coding experience that fostered community engagement.
- Led the coordination of the **Debugging event at Yukti 2k25**, ensuring smooth operations and participant satisfaction, which contributed to the event’s overall success.

Education

Computer Science and Business Systems | B.Tech Visvesvaraya Technological University

📅 12/2022 – present 📍 BELAGAVI, INDIA

Projects

Owner and Lead Dev boxy-cli

📅 present

A Rust crate to generate command-line output in a formatted form – inside boxes, with independent sections and divisions.

published on crates.io since 15/04/25

<https://crates.io/crates/boxy-cli>

Portfolio Website

A simple website to display my info and projects.

Live at <https://bastamasta.dev>

(Links to all my projects can be found here)

BinaryKeeb

An Embedded Systems project, consisting of a display and 2 mechanical keys, which gives ASCII-Encoded output to the connected system when binary data is input with the keys.

Google Forms to Discord (Bots)

Discord Bots to manage replies generated from Google forms, and carry out actions such as polling for votes, informing the applicant whether they were selected etc.

Brainfuck Interpreter

A simple interpreter for the language BrainFuck, Built in Rust.

Image Processor (CLI Tool)

A simple image processing tool, for cropping, inverting, gray scaling, rotating and brightening images. Built in Rust

MemeSoundPad [WIP]

A multi-platform app, built in Flutter, Mainly consisting of the popular and trendy meme sound effects.

TARS Replica [WIP]

An IoT and AI based robot, designed to mimic the TARS robot from the movie Interstellar, compete with voice recognition and commands, AI generated replies and actions.

Action RPG [WIP]

📅 present

A simple Adventure-based Role-Playing game, built in GameMaker Studio 2, with GML.

Bash Web Server [WIP]

📅 present

Developing a web server using bash 5.2, which operates entirely with builtins and without relying on any external utilities or programs. Designing the server to serve local directory files and specific webpages, enabling easy access to my system from any location worldwide.

Goal

Seeking a Systems Developer role to leverage my innovative programming skills in Rust and Python, while developing custom tools and web applications that enhance team success and improve project delivery.

Hobbies



Exploring
distant lands



Making new
stuff for fun



Gaming



Getting lost in
a good book



Capturing
moments



Feeling the
music

Social Media



Sameed
Ahmed



BastaMasta