

BHAARAT KRISHNAN

Software Developer

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[Personal Website](#) • [Linkedin](#) • [Github](#) • [Google Developers](#) • [Microsoft Learn](#)

BIO

A passionate technologist and software developer with a solid educational background in computer science and engineering. Gained invaluable experience through internships and freelance work, demonstrating expertise in various programming languages and technologies. Have a proven ability to create innovative and user-friendly web and mobile applications, leveraging cloud platforms and integrating artificial intelligence models. Looking forward to enhancing the value of the software development team with technical skills, leadership experiences, and dedication to continuous learning.

EDUCATION

EASWARI ENGINEERING COLLEGE

Chennai, Tamil Nadu, India-600089

Bachelor of Engineering: Major in Computer Science and Engineering

2021-2025

CGPA: 8.5/10

PROFESSIONAL EXPERIENCE

VETNET SOCIAL

Bangalore, Karnataka, India

Project Lead

Mar 2023 - Present

- Led the product development team in creating and refining Vetnet Social's flagship platform, a social network connecting veterinary professionals.
- Implemented Nuxt.js, a powerful meta-framework for Vue.js, to streamline server-side rendering (SSR) and enhance page load times, resulting in a 40% decrease in initial page load times and a 25% improvement in overall application performance.
- Executed the implementation of an AI-powered Chatbot on Vetnet Social, leveraging NLP to enhance user engagement. Ensured seamless integration for personalised assistance in job searches and upskilling.
- Integrated an AI resume-scoring engine into the Vetnet Social platform, empowering users to evaluate and improve their resumes.

SIDDHA AI (Remote)

McKinney, TX, USA-75070

API Developer

May 2023 - Apr 2024

- Created Custom API and integrated it with DrChrono's electronic health record management application with OAuth 2.0. It enabled patient data insertion, which made data integration very seamless.
- Integrated AI image recognition model to the patient registration page to identify and autofill patient details by scanning physical documents, enhancing user application usability, and reducing registration time by an average of 52 seconds.
- Deployed application to Azure Cloud using Azure Container Apps and Docker for seamless deployment and scalability.
- Created SMS integration for better reach to the patients using Azure Communication Services

XTRACUT SYSTEMS

Chennai, Tamil Nadu, India-600101

Web Developer

July 2023 - Mar 2024

- Built [SRM Diagnostics](#), the website for their online presence enhancement and healthcare checkup online booking using Nuxt, Vue, and Tailwind CSS with SSR and lazy loading for better UX.
- Developed Calendly and Acuity used in appointment scheduling as an extension in Zoho Customer Relationship Management that will help seamlessly sync CRM meetings and tasks with organising tools.
- Set up deployment for Django apps on Digital Ocean using Docker and integrated a website's contact form with Salesforce CRM for efficient lead and customer management.

FREELANCER

Remote

Web and Mobile App Developer

Jan 2023 - Present

- Built an attendance application prototype for Easwari Engineering College using Flutter, FastAPI, and MongoDB.
- Built a dynamic website for Energy Club EEC using FastAPI and Python with an admin panel.
- Created a single-page website for Coding Club EEC using Astro.js, Svelte, and Tailwind CSS.
- Developed an extensive website for solar company Swans Enterprises using Astro, Tailwind CSS, and Svelte.
- Crafted website for Saudi Arabian Automation Company Arkan Al Khaleej using Astro, Tailwind CSS, React, and Svelte.

PROJECTS

VERTEX SUMMARIZER - Text Summarizer Web Application

- Vertex Summarizer is built by harnessing the power of Large Language Models - text-bison-32k to craft concise and insightful summaries of lengthy textual information, ranging from articles to research papers to books.
- It captures key points and maintains accuracy, saving time and helping to understand the context better.
- *Technologies Used:* Vertex AI Platform(Google Cloud Platform), Cloud Run, Cloud Functions, Sveltekit, Tailwind CSS, Typescript.
- [Codelab Link](#) | [GitHub Link](#) | [Medium Blog](#) | [Live URL](#)

FILEFLOW - File Sharing PWA

- FileFlow simplifies file sharing, it lets you upload files securely and generate convenient short-term links to share documents powered by Google Cloud Storage.
- It comes with two extra features. One of them is the Peer Portal, which lets you collaborate in real time. It's like a virtual meeting room where you and others can easily connect, making file sharing smooth and secure by not storing the file in any storage and just by using unique codes(user-defined network names).
- AI Studio is an extension of FileFlow that empowers users from character extraction to content summarisation from all image files to document files using Google's Multimodel Gemini.
- *Technologies Used:* Google Firestore, Google Cloud Storage, GCP Cloud Run, GCP Cloud Compute, GCP Cloud Functions, Vertex AI Platform, Nuxt.js, Tailwind CSS, Typescript.
- [GitHub Link](#) | [Live URL](#)

GDSC EEC CTF (Catch The Flag) Platform

- The CTF platform is tailored for Google Developer Student Clubs(EEC) members eager to explore the exciting realms of cybersecurity and hone their coding skills.
- It offers student authentication, a custom terminal environment for students to interactively make their submissions, and a real-time leaderboard along with student profiles.
- It also brings a separate admin site which is used for creating and maintaining challenges along with their respective domains.
- *Technologies Used:* Sveltekit, Tailwind CSS, Typescript, Shadcn UI, Google Firebase, GCP Cloud Run
- GDSC EEC CTF: [GitHub Link](#) | [Live URL](#)
- GDSC EEC CTF Admin: [GitHub Link](#) | [Live URL](#)

TECHNICAL SKILLS

Typescript, Python, Javascript, Dart, Java, C, C++, Nuxt.js, Vue.js, Svelte, Sveltekit, Astro, Tailwind CSS, FastAPI, Flutter, Dart, BloC, Riverpod, Quarkus, MongoDB, PostgreSQL, MySQL, Django, RestAPIs, Azure Docker, Google Cloud Platform,

ACHIEVEMENTS

- [Google Open Source Peer Bonus Award](#) - Received for open contributions to "Serverless Web APIs" repository and codelab.
- [Devfest Chennai 2023 Speaker](#) - Conducted a workshop for 150+ participants at IIT Madras on Google Cloud and Vertex AI Platform
- Project Saadhna Lead - Reviewed blogs for Google Cloud Medium Publication, Code Review, and support for participants.
- Top Performer of Code Vipassana Season 2.

LEADERSHIP

- Community Lead, Code Vipassana.
- Community Lead, Project Saadhna.
- Mobile App Facilitator, Google Developer Student Clubs, Easwari Engineering College.
- Student Chapter Lead, GeeksForGeeks Student Chapter, Easwari Engineering College.
- Vice President, Coding Club, Easwari Engineering College.
- Treasurer, Computer Society of India, Easwari Engineering College.

CERTIFICATIONS

- [Azure Administrator \(AZ-104\)](#)
- [Azure Fundamentals \(AZ-900\)](#)
- [Hackerrank RestAPI \(Intermediate\)](#)