

Aryan Bharti

workaryanbharti@gmail.com | +91 7045984504 | [linkedin](#) | [github](#) | aryanbharti.com

EDUCATION

Vellore Institute of Technology

BTech in Computer Science, specializing in Information Security - CGPA: 8.60

Vellore, Tamil Nadu

September 2022 – Present

EXPERIENCE

Motorq

May 2024 - Present

SDET Intern [website](#)

K8S, Typescript, Hono

- Created a load testing framework for distributed pipelines, emulating 10 mil+ events per minute
- Implemented a post deployment validation framework, saving 3-5 days of dev effort per release cycle
- Architected a security testing proposal, helping us move towards SOC-2 compliance

Preternatural AI, Inc (YC W24)

September 2024 - May 2025

SDE Intern [website](#)

tRPC, HonoJS

- Built a unified LLM gateway for 5+ providers with rate and usage limiting configurable by developers.
- Built core SDKs with streaming support, serving as the main interface for developers to access product APIs
- Optimized web UI performance, improving responsiveness by 80% and reducing gateway response time by 50%

Attack Capital (YC W22)

June 2023 - August 2024

SDE Intern [website](#)

NextJS, Websocket, Express

- Led the development of powerdialer.ai, reducing manual call time by 10+ hours per sales rep weekly
- Orchestrated CRM integrations (Salesforce, HubSpot), achieving 100% automated contact synchronization
- Engineered AI voicemail system and VoIP architecture, delivering 10x improvement in customer connect rates

Jio Platforms Limited

May 2024 - June 2024

Technical Intern - Jio Ads [website](#)

HLS Stream, Typescript, Express

- Designed a HLS Master and Media Playlist Validator, reducing stream failure rates by 30%.
- Established continuous monitoring system, improving time to stream recovery by 40%.
- Formulated validation logic to support SSAI streams, enabling real-time monitoring of server side ad insertion.

PROJECTS

Vellore Institute of Technology's Tech Team

July – September 2024

Backend developer for Gravitas 2024, VIT's annual tech fest [link](#)

Fiber, Golang, Postgres

- Architected scalable backend infrastructure for Gravitas 2024, handling 10k+ concurrent users
- Engineered secure payment processing system managing 65+ lakhs INR in transactions with sub 0.1% failure rate

Interact Now

December 2023 - March 2024

Backend Developer - Founding Team [website](#)

Fiber, Golang, Postgres

- Optimized impressions counting using concurrency, minimizing db calls and improving response times by 40%
- Incorporated filtering on several routes by modifying the db connection, minimizing data retrieval by 45%
- Architected a robust chat system using native WebSocket API's, a 8x efficiency increase over socket.io

Rekindle

February – March 2024

AI life journal for Dementia and Alzheimer patients [backend](#) [frontend](#) [medium blog](#)

FastAPI, Postgres, NLP

- Created an interface for patients to journal their day and converse with an empathetic LLM.
- Integrated emotion extraction for users to search memories by how they felt that day (joy, excitement, etc.).
- Secured 2nd place at Intel's GenAI Hackathon with a successful POC

Regit

January, 2024

CLI tool to manipulate Git histories. Available in winget and brew. [source](#) [medium blog](#)

Golang, Cobra, Git

- Architected "recommit" feature to write better commit messages, leveraging Go's concurrency
- Crafted git history reconstruction, allowing commit timestamp and ownership changes.

TECHNICAL SKILLS

Languages & Frameworks: Typescript, Go, NextJS, NestJS, Express, Fiber, Java, C++, Postgres, MongoDB, Redis

Certificates: AWS Certified Cloud Practitioner (CLF-C02)

WEB-100 by Offensive Security

CS50x by Harvard University