

Abhigyan Mohanta

mohantaabhigyan02@gmail.com | [LinkedIn](#) | [GitHub](#) | abhigyanmohanta.tech

EDUCATION

Siksha 'O' Anusandhan University (ITER)

Bachelor of Technology in Computer Science Engineering

Nov 2022 – May 2026

CGPA: 9.61

EXPERIENCE

Fullstack Developer

Arthur Digital

Sep 2024 – Present

Remote, Munich, Germany

- Added **Multi LLM** support to **Arthur Vibe**, Arthur's asynchronous collaboration and alignment platform.
- Engineered custom media streaming pipelines using **FFmpeg**, **Puppeteer**, **WebSockets**, and **PubSub** systems to enable real-time, bidirectional communication between Arthur rooms and **Microsoft Teams**.
- Developed a **Slack and Jira MCP client** that automated Jira issue management, sent contextual task updates to Slack, and enabled conversational workflows with a Slack bot that maintained thread-level memory.
- Integrated **LLMs** to build voice agent bots, improving real-time conversational experience in virtual rooms.
- Contributed to the development of a **DataSync service** for keeping virtual room data up-to-date across distributed systems.
- Implemented real-time WebSocket communication layers in frontend clients for dynamic room state updates.
- Researched and prototyped A/V streaming solutions using **Kasm workspaces** for live client demos.

Full Stack Engineer Intern

Super Effective

Sep 2023 – Aug 2024

Remote, Cayman Islands, UK

- Developed the **Select Threader Chrome Extension**, replacing an expensive Twitter bot and potentially saving **\$5000 per month** by bypassing **Twitter API V2 pricing**.
- **Set up CI/CD pipelines** for the Threader, enabling **biweekly releases**, and integrated **Sentry for performance monitoring**.
- Created an Elixir service called Twitter BreadCrumb Service using **OAuth V2** to increase user engagement.
- Migrated the threads **PostgreSQL** database table and wrote multiple **unit tests** to support this post type.
- Integrated thread pages into the **Next.js Web Client** and resolved login event issues.

PROJECTS

UnbreakableMe | React Native, Expo, Google Gemini

Aug 2023 – Sep 2023

- A motivational mobile app inspired by David Goggins, featuring daily challenges, AI-powered journaling using Gemini, and multimedia support. Built and published on Play Store during Buildspace N&W S4. Archived as of now, due to play store policy changes.

PixelDNS | Java

Jan 2024

- Built a working DNS server from scratch following Codecrafters guidelines. Focused on protocol handling and low-level networking in Java.

SKILLS

Languages: Go, JavaScript, TypeScript, Python, Java, Elixir, SQL, HTML, CSS

Frameworks: Next.js, React, React Native, Redux, Node.js, Express, Phoenix

Operating Systems & Environments: Debian, RHEL, MacOS, Hyprrland, i3, UNIX shell, Bash

DevOps & Tools: Git, Docker, GitHub Actions, CircleCI, Prometheus, Grafana, Loki, Ansible, Vault

Cloud Platform: Amazon Web Services

Databases: PostgreSQL, Redis, MongoDB

ACHIEVEMENTS & VOLUNTEERING

Twilio Quest: Won Twilio Quest in Global Hack Week, Sep 2022

Open Source Events: Contributed to Open Source as a part of **Hacktoberfest 2022** and **GSSOC 2023**