

Omer Ishag

<https://omertv.site>

Email: omer.rayah@gmail.com

Mobile: +81-80-4866-4321

4-4-16, Aobadai, Meguro, Tokyo, Japan

- **Date of Birth:** June 6, 1988 **Place of Birth:** Khartoum, Sudan **Nationality:** Japanese
- **Languages:** Arabic, English, Japanese.

TECHNICAL SKILLS

- **Languages:** Typescript/JavaScript, Python.
- **Technologies:** REST, GraphQL, RDBMS, NoSQL databases, Linux, Git, Node.js, NPM, Yarn, React, React Native, SSR, iOS and Android apps deployment.

EDUCATION

- **The University of Tokyo** Tokyo, Japan
Master of Engineering in Systems Innovation Oct. 2012 – Sep. 2014
- **Khartoum University** Khartoum, Sudan
Bachelor of Science and Engineering in Petroleum Engineering Sep. 2005 – Sep. 2010

EXPERIENCE

- **Argano** Shibuya, Tokyo
Software Engineer March 2018 - Present
 - **Geolocation Service:** I was a team member for this mobile application built for iOS and Android. It allows users to browse and post stories. User-generated content includes text, images, and geo-location data. My teammates and I contributed to all parts of the project. Technologies used include REST API, MySQL, Docker, Kubernetes, Elasticsearch, gRPC, Redis, and Firebase (Functions, Firestore).
 - **Social Game:** I used the Node.js cluster module to implement a task parallelization feature, which enabled processing players' scores and calculating their ranks quickly.
 - **Ecommerce Application:** I contributed to the customer-facing website code, as well as an admin site for managing customers and payments. Among the technologies used are WordPress, Hyperapp, Express.js, Stripe Payments, MySQL, Docker, and AWS.
 - **Hotel Booking Management Application:** I contributed to the frontend of the service using React.js and Next.js for SSR.
 - **Browser Automation:** I created a React application for this browser automation PoC version.
 - **Browser Extension:** I was the manager and the main contributor to this browser extension, which allows users to create customized reports from their analytics data.
 - **Cloud Storage of Personal Data:** I was a team member for this paid service, which provides storing information online in a secure way. I contributed to the frontend and backend, using technologies such as GraphQL, Typeorm, MySQL, S3, React, and Next.js.
 - **Tourism Service:** I contributed to this e-commerce site built on top of Shopify APIs, with technologies including, GraphQL and React.
 - **PWA:** I contributed to this progressive web app (PWA), built with React and integrated with a serverless-backend architecture using Firebase Functions, Storage and Database, to handle data and light background processing.
 - **GraphQL Codegen Documents:** I co-authored this open-source plugin for GraphQL-Codegen.
<https://github.com/argano/graphql-codegen-documents>.
- **RCS Corporation** Chiyoda, Tokyo
Assistant Language Teacher May 2015 - March 2018

I worked at primary schools in Chiyoda City, and collaborated with Japanese home-room teachers to improve the quality of English language classes.
- **Khartoum University** Khartoum, Sudan
Teaching Assistant Sep. 2010 - Sep. 2011

I assisted professors with their instructional responsibilities. My tasks included tutoring, preparing tests, and other administrative work.