# AJITH GOPI

**Full Stack Engineer**
**Currently contributing to helping 52% of the world access affordable healthcare with reach52.**

Cochin, Kerala • **+91 7034 678 278** • ajithgopikklm@gmail.com • https://www.linkedin.com/in/ahgopi

- Proficient in a diverse range of programming languages and frameworks including **JavaScript, TypeScript, React, Next JS, Tailwind CSS, PHP/Laravel, Node JS, Python, Go, Java, HTML, CSS, jQuery, TailwindCSS** and more.
- Skilled in **AWS, Microservices for distributed systems, CI/CD**, database administration, query design using **MySQL, MongoDB, DynamoDB, PostgreSQL, MariaDB, Redis, Neo4J** and other database systems.
- Experienced in creating intuitive GUI/UI/UX designs with a keen eye for detail and user experience.
- Developed various innovative projects such as a modern, Graph data insights dashboard, Game server administration panel, and automated multimedia room, showcasing strong problem-solving and development capabilities.

## PROFESSIONAL EXPERIENCE

**reach52 Pte. Ltd.**, Singapore (Remote) • Full Stack Developer                01/2022 - Present

Full Stack Engineer with a proven track record of developing robust applications for data management and insightful data presentation. Proficient in utilizing a comprehensive technology stack including Microservices architecture, **Node.JS, NextJS, Express.js, AWS services, Angular, TailwindCSS, React, Redux**, and project management tools like Jira and Bitbucket.

- Developed and deployed microservices-based applications using **Next.JS and Node JS (Express) (JavaScript/TypeScript), MongoDB**, leveraging AWS services such as **EC2, EKS, ElastiCache, Lambda, RDS and S3**.
- Implemented responsive user interfaces with **Angular, React, and Redux** integrating **TailwindCSS** for UI development and enhanced user experience.
- Collaborated closely with **cross-functional** teams, including **product managers, designers and QA**, to understand project requirements and deliver solutions that meet business objectives.
- Utilized **Jira and Bitbucket (Git)** for project management, ensuring tasks are organized, tracked, and completed efficiently within agile development cycles.
- Conducted code reviews, maintained documentation, and performed testing to ensure code quality, scalability, and reliability of applications.
- Made use of **Jenkins and Bitbucket pipelines, Docker, and Kubernetes (K8s)** to implement **CI/CD pipelines**.

**Tutorhow Scientific Edutech Pvt. Ltd.**, Cochin • Asst. Team Lead                    01/2020 - 12/2021

Led a team of 3 developers and 2 Quality Assurance (QA) professionals, overseeing project development and ensuring quality standards. Engaged with a diverse technology stack to deliver robust solutions.

- ► Managed projects using technologies like **Next.js (JavaScript/TypeScript), Tailwind CSS, Laravel, MongoDB, MySQL, MariaDB, Redis, DynamoDB, and WebSockets** to build efficient and scalable applications in **NodeJS, PHP, Python and BASH**.
- ► Integrated real-time communication tools for video and audio interactions in web applications.
- ► Leveraged AWS services (**EC2, S3, SES, RDS, ElastiCache**) for reliable cloud-based solutions.
- ► Developed mobile apps using **React Native** to deliver user-friendly experiences.
- ► Collaborated with stakeholders to define project goals and deliver solutions on time.
- ► Conducted code reviews and provided mentorship to team members.
- ► Managed deployment processes to streamline project delivery and improve efficiency.
- ► Resolved technical issues and optimized application performance to enhance user experience.

**Infosys Ltd.**, Bangalore • Operations Executive                    06/2019 - 01/2020

Modified existing web applications written in Python and provided technical support and assistance to end-users utilizing the ServiceNow platform. Responded to and resolved customer inquiries and issues related to ServiceNow applications and functionalities.

- ► Provided technical support and assistance to end-users utilizing the ServiceNow platform.
- ► Responded to and resolved customer inquiries and issues related to ServiceNow applications and functionalities.

---

## EDUCATION

---

**Mahatma Gandhi University**, Kottayam                    2016 – 2019
Bachelor of Computer Applications                    **7.7 CGPA**

---

## PROJECTS

---

**reach52 insights**                    2023 – Present

reach52 insights is a closed platform available for the company's clients where they can view the status on ongoing projects that are being run in association with reach52. The primary objective of this application is to graphically showcase the analytical data and statistical data in human friendly formats. This **NodeJS** based web application is built in **React, Redux, React-Bootstrap, ExpressJS and ProstgreSQL** deployed in **AWS EKS** using **Bitbucket Pipelines.**

**reach52 connect**                                                              2022 – 2023

reach52 insights is an internal application available for the company's business administration team where they create various campaigns and manage the day-to-day activities of the company. The primary objective of this application is to automize and easily manage the previously unorganized activities in the company like managing the users and their activities. This **NodeJS** based web application is built in **Angular, Material UI, Express and MongoDB** deployed in **AWS EC2** using **Jenkins CI/CID.**

**Tutorhow Virtual Front desk - Lead management System**                         2020 – 2021

Written in **NextJS**, Virtual Front desk is a PWA which works as a container for the ETO app which also provides certain performance and security improvements to the platform. The app utilized **NextJS** as a full stack framework, **Golang** as backend for certain functions, and **MongoDB, Neo4J, MySQL and Redis** as the databases.

**Tutorhow Virtual Front desk - Lead management System**                         2020 – 2021

Written in **NextJS**, Virtual Front desk is a PWA which works as a container for the ETO app which also provides certain performance and security improvements to the platform. The app utilized **NextJS** as a full stack framework, **Golang** as backend for certain functions, and **MongoDB, Neo4J, MySQL and Redis** as the databases.

**Tutorhow Training Mobile App**                                                 2019 – 2021

Written in React Native, ETO Training Mobile App is a white labelled mobile app which was given to the clients to run their own training institute. The app utilized **MongoDB on Atlas Cloud** and **AWS Lambda** Serverless Code.

**Tutorhow ETO**                                                                 2019 – 2021

An online class platform where teachers can market the system as their own and collect fees from the students directly. The system provides student management, assignments, online class scheduling and more. This **PHP** based web application is built in **PHP Laravel, And Node.JS** was built using **HTML, CSS, Bootstrap and jQuery** deployed in **Unmanaged VPS** using **BASH and SSH.** The databases include **MySQL** and **DynamoDB.**

---

## ADDITIONAL SKILLS

---

- ► Strong knowledge of **algorithms, data structures and software architecture design**.
- ► Fluent in English and good collaboration skills in a team.
- ► Good problem-solving, troubleshooting, debugging, and optimization skills, and writes clean and well documented code.
- ► Ability to learn and apply new technologies quickly.
- ► Experience in Cloud technologies (such as **AWS, Azure, GCP/Google Cloud**) and Linux and windows servers.
- ► Strong leadership skills and sense of taking ownership and delivering on time.

- ► Technologies: **HTML, JS, CSS, SASS, SCSS, Bootstrap, jQuery, REST API, XML, JSON, YAML, Load Optimization, Server setup, Web server management, Amazon Web Services (AWS), SQL and NoSQL databases – MongoDB, MySQL, MariaDB, Neo4J, PostgreSQL, Redis, DynamoDB, GraphQL, Apache Kafka, Protobuf, etc.**