

Arun Pulipparambil Surendran

Full Stack Developer

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🌐 [LinkedIn](#) | 🐙 [GitHub](#) | 👤 [Portfolio](#)

Summary

Autodidactic Full stack developer specializing in dynamic front-end interfaces and robust back-end solutions. Proficient in a variety of technologies, including JavaScript, Node , React and MongoDB. Dedicated to adaptability and continuous learning in dynamic environments. Passionate about contributing to the world through innovative software solutions.

Technical Skills

- **Programming Language:** JavaScript, Typescript, C
- **Backend Development:** Nodejs, Expressjs, REST API
- **Frontend Development:** ReactJS, Redux, Tailwind CSS, Bootstrap, AJAX, EJS(Embedded Javascript), HTML, CSS
- **Database** MongoDB, MySQL, Firebase, S3 Bucket, Cloudinary, Redis
- **Deployment:** AWS EC2, CI/CD, Nginx, Vercel, Route53, PM2
- **Familiar with:** Clean Architecture, MVC Architecture, Git, GitHub, GitHub Actions, OOPS, Axios, WebSocket, JWT , Stripe payment, Razorpay, Zegocloud, Socket.IO, Google API, Open AI API, open Weather API, OAuth, Multer, Postman, Figma, CodePlanner
- **Computer and Network:** CCNA, Computer Hardware, MS Office

Professional Experience

Freelance Developer, (Remote)

Thrissur, Kerala, India 01/2022 - 07/2023

Designed and developed user-friendly and responsive websites tailored to client requirements. Specialized in creating modern, visually appealing web applications that focus on usability and performance. Collaborated with clients to understand their needs, providing customized solutions that align with their business goals.

- Created and maintained websites using HTML, CSS, JavaScript, and React.
- Ensured responsive design for optimal performance across various devices and browsers.
- Implemented best practices in web development, including SEO, accessibility, and performance optimization.
- Worked closely with clients to refine project requirements, deliver updates, and ensure satisfaction.

Full Stack Developer, (13 Technologies)

Ernakulam, Kerala, India 06/2020 - 12/2021

Key projects:

- **Myblock:** A Hyper-local Data-driven portal network of town-specific news websites. Developed web pages based on client priorities using React.js. Translated user behavior insights into a cohesive design by defining site architecture, content, and functionality for all user touch-points; increased conversion rate by 30% and decreased site load time by 40%.
- **Care App Pro:** An interactive responsive app designed for users with information regarding personal health, fitness, and precautions to be taken based on the inputs received from health wearables and user inputs such as their hospital and health records and lab reports.

Site Engineer, (Arabian Specialised Materials Co. W.L.L)

Doha, Qatar 09/2015 - 12/2019

Key projects: FIFA world cup Stadiums, Lusail Development Project – CP-1 (Utility Tunnels 11 KV Substations), Union Residential Tower, Workers Hospital And IHC ,Doha Festival City.

Technical Support Engineer, (IBM Infoservices)

Bangalore, India 07/2014 - 09/2015

Maintained network computers with reduced problems through daily health checkup. Conducted troubleshooting Local Area Network problems and related issues.

Power Electronics Engineer, (Powerown Electronic Systems)

Thrissur, India 07/2014 - 09/2015

Assembled and ensured quality of UPS, stabilizers, and inverters. Troubleshot network issues and provided onsite support for surveys, installations, and commissioning. Monitored and improved onsite operation quality.

Projects

I-Learn(e-learning platform in progress),

[Live | GitHub](#)

- **Overview:** Created an innovative e-learning platform to transform online education, featuring distinct user, instructor, and admin modules, all built upon a clean architecture.
- **CI/CD Automation:** Implemented continuous integration and deployment workflows using GitHub Actions for efficient development processes.
- **AWS Cloud Infrastructure:** Orchestrated scalable AWS infrastructure with EC2 for computing, Route53 for domain management, and secured communication using Nginx SSL configurations.
- **MERN Stack Development with TypeScript:** Utilized the MERN stack (MongoDB, Express.js, React, Node.js) with TypeScript to reduce runtime errors and enhance reliability. Implemented JWT and Google Sign-In for robust security measures.
- **Live Video Classes and Community Chat:** Integrated video call and live chat features to facilitate real-time interaction between instructors and students.
- **Technologies used :** MongoDB, React, Express.js, Node.js, Stripe, Redis, Typescript, REST, Socket.io, Tailwind css, AWS, Route53, Nginx, Cron Jobs, Vercel, JWT, firebase.

crazEbikes(E-Commerce Website),

[Live | GitHub](#)

- **Overview:** Developed an innovative e-commerce platform, CrazeBikes, specialized in selling bikes and bike accessories, providing an enhanced shopping experience.
- **Frontend Development:** Created a dynamic and responsive user interface using EJS, HTML, and Bootstrap to improve user engagement and shopping experience.
- **Backend Development:** Implemented the backend using Node.js and Express.js to ensure robust and scalable server-side operations.
- **Payment System:** Integrated a secure and seamless payment system using Razorpay, enabling smooth and hassle-free transactions.
- **AWS Cloud Hosting:** Deployed the application on AWS EC2, utilizing Nginx for efficient web server management and secure communication.
- **Technologies used :** MongoDB, React, Express.js, Node.js, EJS, EC2, Route 53, Bootstrap, Nginx,

Mini projects

- **Notezipper App:** Developed the Notezipper app for efficient note-taking and setting reminders. [GitHub.](#)
- **Weather App:** Created app tailored to deliver precise weather updates based on user location. [GitHub.](#)
- **URL-Shortener:** Crafted a URL Shortener application to condense URLs for simplified management. [GitHub.](#)
- **News website:** Designed the frontend of a news website with a focus on improved readability. Incorporated user-friendly navigation, clear typography, and intuitive layout to enhance the overall reading experience. [GitHub.](#)

Education

MERN Stack Development Bootcamp [Brototype](#)

Calicut, India *Present*

Embarked on an immersive journey in software development, mastering the MERN (MongoDB, Express.js, React.js, Node.js) stack. Cultivated skills in building modern web applications through hands-on projects, mentorship, and collaboration with peers. Ready to leverage this comprehensive training to drive innovation and excellence in the tech industry.

Bachelor's in Electronics and Telecommunication Engineering [University of Calicut](#) **Calicut, India** *2008-2012*

Languages

- **German** [A2]
- **English** [B2]
- **Hindi** [C1]
- **Malayalam** [Native]

Self Declaration

I hereby declare that all the information furnished above are true to the best of my knowledge.

Arun Pulipparambil Surendran.