

Adharsh Manikandan

SOFTWARE ENGINEERING · WEB TECHNOLOGIES

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“Be the change that you want to see in the world.”

Summary

Tech Lover, Professional since 2019. Interested in modern technologies, organizing teams towards goals and compiling data and making data driven decisions. Excited in devising better problem-solving methods, learning and adapting modern technologies for solving modern challenges.

Experience

Agoda

SENIOR SOFTWARE ENGINEER

Bangkok, Thailand

February 2023 - Present

- Worked on improving app performance using various rendering and state management techniques.
- Data driven decisions were incorporated with A/B Testing of each Improvement.
- Improved testing infrastructure and migrated Pipelines for improving velocity.

Mindcurv GmbH

DEVELOPER - COMMERCE

Kochi, India

October 2021 - February 2023

- Involved in improving website performance, focusing on web vitals, ultimately leading to better customer experience and CTR
- Created an internal ETL tool, automating data processing tasks and empowering staff to make data-driven decisions
- Assisted in migrating the authentication system for an existing application, enhancing security, streamlining user management, and improving scalability
- Developed an internal tool to manage documents between Confluence and Markdown using Python, streamlining documentation processes and increasing team efficiency

Epixel Solutions Pvt. Limited

SOFTWARE ARCHITECT

Palakkad, India

January 2020 - October 2021

- Lead research on server architecture patterns, scaling, and coding standards, ensuring up-to-date knowledge and optimal strategies for platform engineering
- Lead the migration of the core product to a DevOps model using Docker and Kubernetes, increasing scalability and improving the overall development workflow
- Expanded product offerings by developing Educational platform, Helpdesk, and CRM services, catering to a broader range of clients' needs and facilitating company expansion

ULTS Pvt. Limited

ASSOCIATE ENGINEER

Calicut, India

October 2019 - January 2020

- Developed a prototype system for automated meeting room allocation, reducing manual intervention and fostering a more efficient work environment
- Attended IoT training and won a hackathon organized by ULTS and Ethersys, displaying innovation and technical expertise to potential clients and partners

Vijfde Wiel B.V.

FULL STACK DEVELOPER INTERN

Eindhoven, Netherlands

March 2019 - May 2019

- Streamlined and maintained the CRM system and database, enabling improved customer relationship efficiency

Skills

Management	Project Management, SCRUM, Communication, Data Quantification, Office Suite
Programming	Go, Typescript & Javascript, C, Python, Rust, SQL
Web Development	.NET, Next.js, Express.js, Django, React.js, TailwindCSS
Server Technologies	Nginx, Postgresql, Redis, Rabbitmq, ElasticSearch
DevOps & Cloud	Docker, Kubernetes, AWS, DigitalOcean
Architecture	Microservices, Serverless, Monolithic

Education & Qualifications

University of Calicut

Kerala, India

COMPUTER SCIENCE GRADUATE DEGREE

May 2019

- **Master's (M.Sc.) in Computer Science - CGPA(10): 8.10 (Grade A+)**, Calicut University, Kerala — 2017 - 2019
- **Bachelor's (B.Sc.) in Computer Science - CGPA(6): 3.62 (Grade B)**, Yuvakshetra Institute of Management Studies, Palakkad — 2014 - 2017

SCERT Kerala

Kerala, India

SCHOOL LEVEL EDUCATION

May 2014

- **HSE in Computer Science with 86%**, St Thomas Convent School, Palakkad — 2012 - 2014
- **SSLC with 90%**, St Thomas Convent School, Palakkad — 2011 - 2012

National Testing Agency

India

NATIONAL ELIGIBILITY TEST

June 2019

- **Qualified NET for Assistant Professor Only**

Interests

- **Drumming and Music:** Acted as a professional drummer and tutor between 2014 and 2019, showcasing versatility and dedication to the craft
- **Health and Fitness:** Maintain a consistent workout routine, engaging in powerlifting to promote overall well-being
- **Education and Knowledge:** Committed to perpetual learning and knowledge sharing across various topics, continually seeking self-improvement and intellectual growth