Dhananjaya Maha Malage

Full Stack Engineer | Chief Technology Officer (CTO) - Colombo, Sri Lanka
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Personal Profile

I am a professional, competitive and self-motivated software engineer with 9 years of hands-on experience in software and web application development. I help people translate ideas from words and visuals into prototypes and applications using code that help organizations address business challenges and meet their needs. Having been involved in both collaborative and independently-driven roles, I am a forward-thinking leader with refined analytical and critical thinking skills, and I have always been adapting myself to meet evolving priorities, shifting needs, and emergent issues. I have deep experience in translating business priorities to IT roadmaps and fine-tuned IT operating models.

Experience

J. Arthur & Co, Rhode Island, United States | Remote | Website: https://jarthur.co/
Chief Technology Officer (CTO) | 2019 / Present
Technical Lead | 2017 / 2019
- Developing Full Stack applications by following software development methodologies such as agile and waterfall with the engagement of full software development lifecycle.
- Review, Improve and maintain code by following software development principles and best practices like OOP, SOLID, DRY.
- Delegating work and assignments to team members and supporting them towards completing the work to deliver a successful output by following best practices in code.
- Administrate and maintain the organization's 6 main servers that run more than 400 websites and applications.
- Develop and maintain organization's internal used CRM and tools to improve usability and adding new features to ensure the team can perform better and meet their goals.
- Managing the technical aspects of the organization to ensure that they are in line with the company's growth targets.
- Manage technical resources and ensure they're geared towards technological development.
- Research organization's technology requirements. Make sure they balance the long-term needs of the company alongside its immediate ones.
- Overseeing data security and conducting security audits to identify areas of improvement including Server Operating Systems, Software versions, authentication, SSL certificates and login credentials.
- Envisioning how different forms of technology will be used throughout the company.
- Researching ways the company's technological assets can be improved.
- Assessing whether new technologies are appropriate for the company to use.
- Ensuring technologies currently in use are efficient and making changes wherever necessary.
- Educate myself along with the team I am working with so that they're up-to-date with the latest technological advances.
- Guiding the team through technical issues and challenges and collaborating with the team to identify and fix technical problems and solve them fast.
- Analyze user needs and then design and develop applications to serve them.

OSMiUM Private Ltd, Colombo, Sri Lanka | Website: https://osmium.com.au/
Technical Lead | 2018 / 2019

- Develop Full Stack applications and integrate multiple APIs including payment gateways and various services.
- Directly engaged in frontend and backend development of an enterprise level real estate CRM (Vcon Homes - Melbourne, Australia).
- Developed and maintained both the frontend and backend of many e-commerce websites.
- Hired and trained technical personnel and guided them through technical issues and challenges.
- Delegated work and assignments to team members and supervised system modifications.
- Collaborated with the team to identify and fix critical technical problems.
- Analyze client's needs and then design and develop applications to serve them.
- Check and maintain that software and applications are up-to-date.
- Conducted security audits to identify areas of improvement.
- Prioritize software development projects, set timelines and assign tasks to team members using Basecamp project management.
- Create wireframes and collaborate with designers to translate the idea.
- Oversee junior web developers and evaluate their performance and guide them.

Suxiid Private Ltd, Colombo, Sri lanka | Website: https://www.suxiid.com/
Senior Web Application Engineer | 2016 / 2018
Junior Web Developer | 2014 / 2016

- Started developing Full Stack applications using frameworks such as Laravel, Zend, Symfony, CakePHP and Codeigniter.
- Integrated APIs and payment gateways into applications to develop complex features and services.
- Engaged in collaborative team roles in full software development lifecycles.
- Run functionality testing and debug code.
- Ensure our software documentation is up-to-date.
- Ensuring websites are mobile-responsive and cross-browser compatible.
- Assisted the web development team with all aspects of website and application design.
- Assisted with the testing and maintenance of backend and front-end applications.
- Mastered website development using Wordpress and Woocommerce from scratch based on Adobe Illustrator and Photoshop designs.
- Collaborated with other developers in my team to implement new web features.
- Keep myself up-to-date with the latest technology and programming trends.
- Converted video, audio, written, and graphic components into compatible formats for the web.
- Used user feedback to identify and correct problems with client websites.

Self Employed, Freelance, Upwork | Website: https://www.upwork.com/
Fullstack Engineer | Solutions Architect | Web Developer | Consultant | 2014 / Present

- Designing and developing cross-platform compatible web and mobile applications using latest technologies to match client requirements.
- Working alongside graphic designers for web design features to make sure output meets the UI/UX requirements.
- Designing and developing APIs by following security standards and making services widely available for remote access.
- Seeing through a project from conception to finished product and converting ideas into code to make them functional and solve real world problems.
- Ensuring websites and applications are cross-browser compatible and mobile responsive.

- Meeting both technical and consumer needs by educating myself with the latest technology available.
- Provide IT support and consultation services to solve critical technical problems.

Education

University of Colombo School of Computing (UCSC) | Colombo, Sri Lanka
Bachelor of Information Technology | Dec - 2019
Successfully completed

Technical Skills

Languages: PHP, Javascript, SQL, Dart, Python

MVC Frameworks: Laravel, Codeigniter

Frontend Frameworks: Vue JS, React JS, Bootstrap, Tailwind

Mobile Applications: Flutter

Databases: Postgres, MySQL & MongoDB

CMS: Wordpress Theme/Plugin Development

Web Servers: Apache, Ngnix, IIS

OS: Linux, Windows

Version Control: Git (github, bitbucket, gitlab)

Virtualization: Vagrant, VirtualBox

IDE: VS Code, PhpStorm

Other: Node.js, HTML, CSS, jQuery, Postman, Photoshop, Slack, Trello, Basecamp

Languages

English: Fluent / Advanced
Sinhala: Native

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GitHub: https://github.com/dhanmalage

Stackoverflow: https://stackoverflow.com/users/4322960/dhan

Upwork: https://www.upwork.com/freelancers/~01d794db5bd4dfe6af

Resume: https://dhanmalage.github.io/resume/