

Balamurugan M

Professional Summary

- Highly motivated **Full Stack Developer** with **5 years** of experience designing and developing scalable web application and mobile application.
- Strong knowledge of modern frontend technologies, best practices, and load speed optimization techniques
- In depth knowledge of web technology standards to deliver the best experiences across web and mobile devices including responsive web UI.
- Involved in the Analysis, Design and Development of software using Adobe XD, Figma.
- Experience in SVN, GITHUB for version control & release management.
- Good Mongo dB understanding and have a good handle of using Mongoose
- Experience with Node.js utility libraries and microservices, Worked in the AWS, GCP, Firebase cloud Firestore.
- Published application in Play Store and App Store.
- Experience in Database Technologies including RDMBS like Oracle, MySQL.
- Excellent experience in GitHub, SVN & TFS for source code management and for version control.
- Sufficient knowledge in Java Spring framework.

Employer Summary

- Working as a Full Stack Developer at **Kumaran Systems Pvt Ltd** from Aug 2019 - Present
- Worked as a Full Stack Developer at **Hexolabs** from Jun 2018 – Aug 2019
- Worked as a Intern Full stack developer at **Hexolabs** from Dec 2017 – May 2018

Contact

- <https://balamurugan.dev/> - Portfolio
- <https://www.linkedin.com/in/baladhruv/> – LinkedIn
- <https://github.com/BalaDhruv> – Github

Technical Skills

Languages	: Script, Java Spring, Python, Dart, Kotlin, Swift
Web Technologies	: HTML, CSS, SCSS, jQuery, TypeScript, JSON, Bootstrap, Flex
Frameworks	: Angular 4+, Flutter, Nodejs, Spring Boot
Server	: AWS, Firebase
DB	: SQL, MySQL, Postgres, Cloud Firestore
Version Control	: GitHub, SVN, GitLab, TFS

Professional Experience

Kumaran Systems Pvt Ltd	Dec 2019 – Present
Full Stack Developer	Project Name: PMLE

Technologies: Angular 8, Nodejs and GCP, Docker.

Project Description:

PMLE is a new initiative to get off, of the spreadsheet way of managing business operations with a more modern and a manageable system in place. It is basically the effort tracking tool consists of 5 modules Masters, Project, Resource, estimates & dashboard. It helps to create projects and manage the team work loads across all projects. The real time dashboard helps the stakeholders for identifying financial overview like variance analysis and Accruals. The base financial module helps to reconcile project financial estimated workloads.

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Roles and Responsibilities:

- Developed Angular Project Base Structure, Controllers, Services, CSS Positioning, filters and custom directives.
- Implemented HTTP requests using RxJS Observable library to handle multiple values over time.
- Implemented Access privilege functionality
- Developed Copy and Paste functionality in AG Grid Community version
- Designed and developed the application using Agile Scrum methodology by breaking down the project to several sprints. Using JIRA for project management and bug tracking.
- Developed Nodejs services for integration.
- Enabled SonarQube for ensuring code quality in Jenkins pipeline.

Kumaran Systems Pvt Ltd

Aug 2019 – Nov 2019

Full Stack Developer

Project Name: TMS

Technologies: Angular 8, Nodejs and GCP.

Project Description:

Timesheet Management System (TMS) is a tool that allows associates to submit timesheets online. The main goal of application is to keep track of effort spent on project and it helps to study the development pace and engagement of employees with their allocated work. The main objective of the project is to maintain and record the timesheet records, work allocation of the employees. The roles involved in this product are admin, managers and associates. The product focuses on the timesheet tracking of employees involved in the fixed bid project and agile project.

Roles and Responsibilities:

- Created Typescript reusable components and services to consume REST API's using Component-based architecture provided by Angular
- Worked on Cross-Browser compatibility and fixed the bugs for several browsers
- Coordinate with Interface Design Architects for meeting accessibility standards at code level.
- Worked improving application Performance, Memory and Security by analyzing
- Participate in the team on agile development cycle. Followed Scrum methodology.
- Capturing the best development practices in a way of common condign standards team of 8 developers that helped to decrease code complexity and improve maintainability of the shared libraries and components

Hexolabs Pvt Ltd.

Jan 2019 – Aug 2019

Full Stack Developer

Project Name: Farm Mojo – Mobile Application

Technologies: Flutter, Firebase, Cloud firestore, Nodejs, GCP

Project Description:

Farm Mojo helps shrimp farmers to manage their culture operations effectively. Farmers can view all their relevant Shrimp farms. Farmers able to view each lab reports of farms Based on that reports, Aquaconnec's AI predict the problems or insufficiency diseases of shrimp and ponds. Based on predictions Farmers take the appropriate steps for improving their Shrimp farms.

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Roles and Responsibilities:

- Implementing Mobile development using Flutter
- Worked in UI/UX design using software's like Adobe XD
- Integrating Flutter Redux State Management Pattern
- Implementation of the set of new API endpoints
- Implementing Aquaconnect's AI in NodeJS for predicting the problems of shrimp/ponds
- Hosting application in AWS
- Deploy apps in Play Store and App Store
- Reviewing the quality of code for the application for maintaining code and design consistency across different team members

Hexolabs Pvt Ltd.
Full Stack Developer

Jun 2018 – Dec 2018
Project Name: Farm Mojo – Web Application

Technologies: Angular, AWS Serverless, PostgreSQL.

Project Description: Farm Mojo Web application is a data management of Shrimp activities, Pond and Farming observations. Admin persons take a test sample from shrimp farm. Those samples submitted to lab and Lab technician testing shrimp samples and submit the technical parameters to the admin persons.

Roles and Responsibilities:

- Responsible for creating efficient design and developing User Interaction screens using HTML, CSS3, Bootstrap, JavaScript & Angular
- Developed API integration in Node JS
- Design and develop the Entity Model based on requirements
- Use Google Map for Pond placements

Hexolabs Pvt Ltd.
Intern Software Developer

Dec 2017 – May 2018
Project Name: ZAIN

Technologies: Nodejs, MySQL, Microservices

Project Description:

Application can view Android and iOS apps from Play Store and App Store. User able to download any apps from either Play store or App store along with their subscriptions

Roles and Responsibilities:

- Getting Application list from play store and app store using libraries.
- Implemented interaction between frontend and backend using the JSON object.
- Worked Full backend Development technologies like NodeJS and AWS serverless and MySql DB Design
- Identified end product functionality expectations and managed error tickets

Education

- **Master of Computer Application** in Vels University (May 2018)
- **Bachelor of Science in Computer Science** in Ramakrishna Mission Vivekananda College (May 2016)