Silambarasan SUNDARAVADANAM
Senior Software Engineer /NodeJS/Javascript/Typescript/PHP

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302, Pyramid Arcade, 23B-Main Road, 5th Phase, JP Nagar, Bangalore - 560078

Senior Software Engineer with 7+ years in analysis, design, development, testing and implementation of various Internet-based applications. 5 Years experience on Large scale Micro-services & Serveless architecture using NodeJs, Angular & MongoDB.

Expertise in Travel-management, Finance, Health Care & e-commerce.

COMPETENCE

Programming	JavaScript, NodeJS, TypeScript, HTML, PHP, CSS
Frameworks	ExpressJS, Angular, Yii 2 , Codeigniter, Mongoose and socket.io
Database	SQL (MySQL, MySQL Cluster, PostgreSQL), NoSQL (MongoDB, Redis, MemcacheDB)
Development tools	Terminal, IntelliJ Idea, Eclipse, Visual Studio Code, Sublime
Middleware	AWS, Lambda, Nginix, Apache HTTP Server, Apache Tomcat
Operating System	Mac OS X, Windows Server, Windows 7, Linux Redhat, Linux Centos
Other	Git, Bitbucket, JIRA, Jenkins, Kubernetes, AWS Kinesis, ESLint

PROFESSIONAL EXPERIENCE

Today – August 2016

Senior software engineer | Application Infrastructure and Flight module lead, SHOREBIRD TECHNOLOGIES PVT LTD, Bangalore

> Implemented **GSTReconciliation** that helps to reconcile airline GST invoices within minutes with 3 easy steps.
> > Upload travel GST invoices.
> > Data extraction, retrieval & auto reconciliation.
> > Submit for taxation.
> Implementing **Flight booking engine** that helps to book a flights by corporate agents & traveller among 4 service providers like Travelport, TBO, Navitaire & Amadeus.
> Implementing **Auto Booking algorithm** once the trip approved by mangers
> Implementing **Payment module** to deduct money using various payment methods for the trip.
> Managing the team, developers and QA Engineers. Priorities tasks, design and code reviews, and ensured the product quality
> Wrote unit test cases for the majority of Services to ensure product quality.
> Creating prototype, Design Thinking with UI/UX design and working closely with the product team for short term deliverable.
> Ensured uptime for each of my Services by tracking for **average response time**, error % and RPM. Enabled ease of **debugging** by using log aggregation and tracking request trace id across services.

NodeJs | TypeScript | ExpressJs | AWS Lambda | Python | Yii2 | MongoDB | Nginx | Redis | Mocha/Chai

July 2016 – May 2015

Software Developer | Full stack developer, VASPP TECHNOLOGIES PVT.LTD, Bangalore

> Requirement gathering and convert into the dynamic web application.
> RESTFul API for Flight and Hotel booking engine using Codeigniter.
> Wire-frame and design thinking and working closely with UX designer and convert into dynamic web application using AngularJs & HTML.
> DB Design and development.
> Managed and guided small team for UI and Back-end.

Codeigniter | Angular 2 | HTML | CSS | MySql | Active Directory | Linux Server configuration and maintenance | Google Map-API

March 2015 – January 2013

Software Developer | PHP developer and UI/UX designer, PURPLEFRONT TECHNOLOGIES PVT LTD, Bangalore

> Wall post scheduler - Facebook API integration for scheduled Facebook page post
> Facebook post analytic tool using Facebook API and Google API
> E-commerce and Web application development
> hands of experience ERP system end to end
> Database design
> Web development and UX design

Yii1 | CakePHP | Jquery | HTML | CSS | MySql | Facebook-API | Google-API

☞ EDUCATION

2013   Master of computer application - Annamalai University, Chidambaram, Tamilnadu
2010   B.Sc(Computer Science) - Thiruvalluvar Arts and Science collage, Kurinjipadi, Tamilnadu